



IONIC LIQUIDS 2024

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IOLITEC – The Company

IOLITEC, founded in May 2003, is an award-winning, dynamic, innovative and goal-oriented company whose activities go far beyond the production and sale of ionic liquids and nanomaterials. With more than **1'300 customers** and **6'500 readers** of our **email bulletin "Ionic Liquids Today"**, we are one of the **global leading specialized companies in the field of ionic liquids** and **leading experts in the field of nano-dispersion technology**.



IOLITEC's HQ @ Heilbronn, Germany.



Batch production on the ton's scale.



IOLITEC @ Schkopau, Germany.



Quality control for best quality.



Continuous-flow-production.



High-quality ionic liquids.

With **solid experience in project management** and a **skilled team** of currently eight PhD-level chemists and engineers IOLITEC is in the strong position to give **reliable answers** and to deal with customer requests from many different sectors in a professional, efficient and goal-oriented way. Our **services include consulting and feasibility studies** as well as the development of marketable products and applications based on ionic liquids. For these purposes we can utilize a **compound library** of more than **600 ionic liquids** and an **extensive database of physical and chemical properties** compiled from data published in scientific journals and checked as well as supplemented with our own numerous measurements.

Our Philosophy

IOLITEC is with all consequences a customer-oriented company: The customer is in the center of all our activities.

IOLITEC enjoys working hand in hand with customers and partners in a friendly and open, but also focused way. Requests are handled always confidential and they are processed fast. We like to give reliable scientific answers on the highest possible level.

IOLITEC collects, measures, interprets and refines physico-chemical data of ionic liquids, following our philosophy to present our customers necessary information to design or to construct methods, processes or devices using ionic liquid technology.

IOLITEC is driven by technology and innovation. Based on reliable data, we identify by our own research or by co-operations with partners new applications and technologies. In co-operations, we share our knowledge with partners openly and combine it in interdisciplinary research. We define ourselves as specialists in translating selected properties into the molecular structure of ionic liquids.

IOLITEC wants to combine the best available quality with reasonable prices. Our customers shall have as soon as possible a monetary benefit, if we identified more efficient synthetic methods or if we scaled up our capacities.

IOLITEC is an independent producer, supplier and distributor of ionic liquids. We like to present our customers the broadest variety of materials, covering the most common classes of ionic liquids. These facts enable our customers to choose the most suitable products for their specific needs from our comprehensive portfolio. We offer those materials, which are not part of our actual portfolio, as custom synthesis, as long as IP of others is not infringed.

Our Products & Services

On our site at Heilbronn, Germany, we operate at well-equipped research and production facilities. The implementation of **state-of-the-art microreaction technology** enables IOLITEC to produce selected ionic liquids in a **continuous-flow-process** in quantities **of up to 250 kg per week** while meeting the highest quality standards.

IOLITEC offers today

- a standard portfolio of more than **300 selected ionic liquids**,
- **ionic-liquid-test-kits** for screening purposes,
- **50** ionic liquid related **key intermediates**,
- **custom syntheses** of those compounds that are not covered by IPR of third, and
- **custom R&D** based on our ionic liquid technology (on request exclusivity is possible).

IOLITEC's materials are available from the lab-scale (25 g to 5 kg) up to bulk quantities (>5 kg to 5 metric tons) for industrial applications.

Co-operations

IOLITEC has put a strong focus on R&D services and custom syntheses in the field of ionic liquids since its formation in 2003. IOLITEC works with partners not only in the chemical industry but also in many other different sectors, e.g. engineering, electrical and automotive industries. IOLITEC's international customers are small and medium-sized companies as well as global players.

IOLITEC's own expertise is complemented by the company's close collaborations with various institutes of the Fraunhofer Gesellschaft and a number of leading research groups at universities in Europe and abroad. This network enables IOLITEC to offer a wide range of analytical methods and measurements at competitive rates. As an independent company, IOLITEC can guarantee its customers unconditional confidentiality and the best product at the best price.

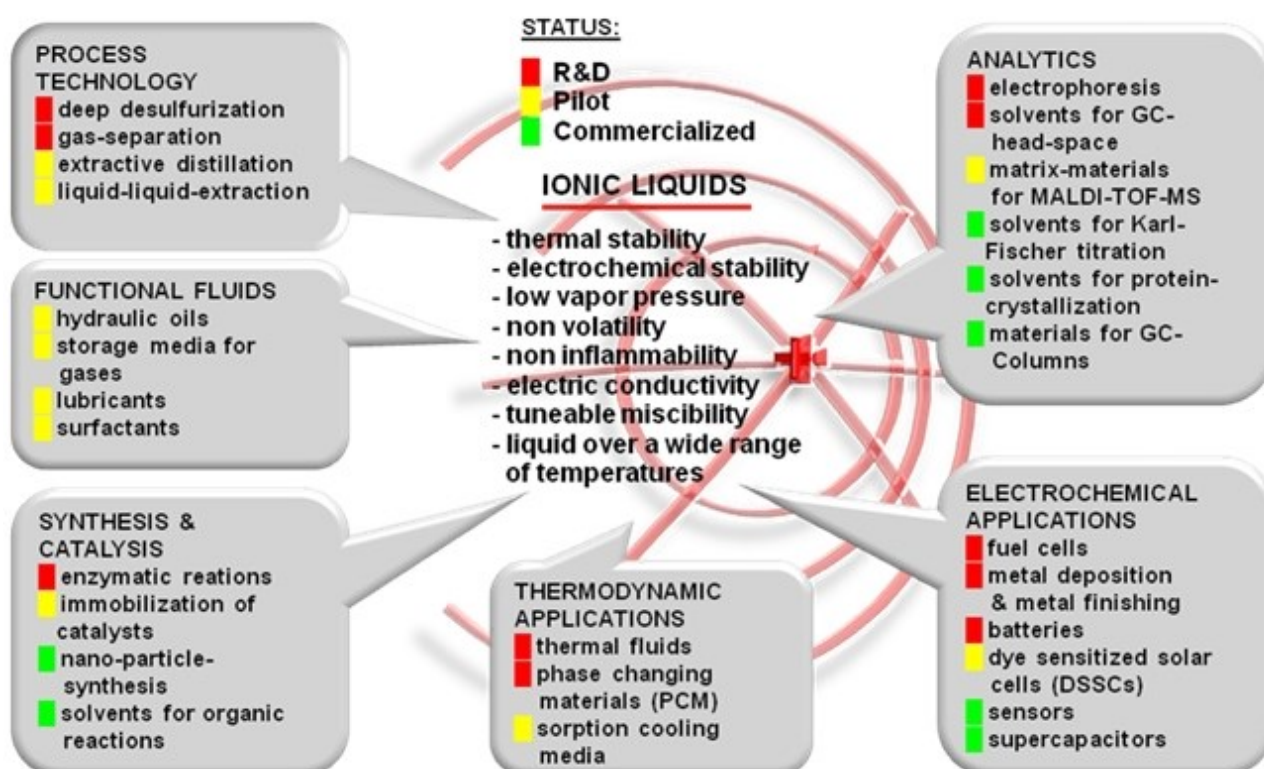
In addition to R&D services and custom syntheses, IOLITEC actively pursues its own internal R&D projects to identify new applications and open up new markets for ionic liquids and products derived therefrom. In order to protect its ideas and products IOLITEC has already filed seven patent applications in different fields and holds the rights for five registered trademarks.

Applications

Today a number of potential applications of ionic liquids were described in literature and a couple of are already realized in industrial applications. As mentioned above, we we identify new applications by our own research activities based our core-technology.

We summarized interesting applications in our Application Sheets that are available on request. The following Application Sheets are available:

- Solvents Karl-Fischer-Titration
- Protein Crystallization
- Electrolytes for Lithium- and Lithium-ion-batteries
- Ready-to-use electrolyte for Dye Sensitized Solar Cells
- Electrodeposition
- Ionic Liquids for Inorganic Synthesis and Stabilization of Nanoparticles
- Ionic Liquids in Polymer Chemistry
- Weakly Coordinating Anions
- Organic Synthesis



Information available at

www.iolitec.de

Trading units

IOLITEC offers its products in **standard quantities**. Trading units other than those given in this publication are not available, but may be combined by available package sizes. If you wish to purchase any product in **bulk quantity** (above 5 kg up to 5 metric tons), please feel free to contact us for a quotation.

Prices

All prices listed in this publication are **net prices** and given in Euro (€). **Shipping and handling charges** are to be added to your account (see below). **Any additional regional charges, taxes and duties are payable by the customer.**

Prices are subject to change. Please contact us for a firm quotation. All previously published price information will become void after December 31st, 2023.

Shipping and handling

Germany:

Shipments are routinely made by **UPS** (www.ups.com). A handling charge of € 19.90 applies for all orders under € 250.00. Orders over € 250.00 are free of charge; exception: shipments containing dangerous goods!

All other destinations:

Shipments are routinely made by **FedEx** (www.fedex.com) where possible. Shipping and handling charges apply. These depend on the destination as well as on the actual gross weight of the shipment and therefore have to be determined individually. Alternatively, shipment can be arranged through any other courier service of your choice. Please provide your account number with your preferred courier service when ordering.

Terms of payment are stated on your quotation and/or purchase order confirmation. All deliveries are subject to our *General Terms and Conditions* which can be found at the end of this publication and on our website (www.iolitec.de).

Contact and Order Information:

You will receive a **purchase order confirmation by email or fax within 48 hours of receipt of your order**. Please let us know if you do not receive a purchase order confirmation within this time. No release of chemicals to private persons, business customers and research institutions only.



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Payment by Credit Card,
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Information on physical-chemical data in this pricelist

All physical and chemical data provided within this pricelist are influenced by temperature, water content and purity. There might be deviations compared to literature and other sources. The data make no claim to be complete and there is no accuracy of statement.

MyKit

The introduction of our novel ionic-liquids-screening-kits is a consequence of many fruitful discussions with our customers. First of all, we switched from 25 g to 10 g, which is surely enough for the most screening purposes. Secondly, we selected 59 common ionic liquids, which are now available at **unified prices**, independently from the particular ionic liquid, but depending on the number of items:



- 5 to 9 items: 50 €/per ionic liquid
- 10 to 24 items: 45 €/per ionic liquid
- 25 to 50 items: 40 €/per ionic liquid

MyKit starts in general with 5 and is limited to maximum 50 items. Within the 59 different ionic liquids it is possible to combine any kind and/or number of items.

1-Ethyl-3-methylimidazolium tetrafluoroborate (IL-0006-HP)	Triethylsulfonium bis(trifluoromethylsulfonyl)imide (IL-0030-HP)	1-Hexyl-3-methylimidazolium triflate (IL-0070-HP)
1-Butyl-3-methylimidazolium tetrafluoroborate (IL-0012-HP)	Methyltrioctylammonium bis(trifluoromethylsulfonyl)imide (IL-0017-HP)	1-Methyl-3-octylimidazolium triflate (IL-0073-HP)
1-Hexyl-3-methylimidazolium tetrafluoroborate (IL-0019-HP)	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide (IL-0023-HP)	1-Butyl-1-methylpyrrolidinium triflate (IL-0113-HP)
1-Methyl-3-octylimidazolium tetrafluoroborate (IL-0021-HP)	1-Methyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide (IL-0024-HP)	1-Ethyl-3-methylimidazolium thiocyanate (IL-0007-HP)
1-Butylpyridinium tetrafluoroborate (IL-0089-HP)	1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide (IL-0134-HP)	1-Ethyl-3-methylimidazolium dicyanamide (IL-0003-HP)
1-Butyl-3-methylpyridinium tetrafluoroborate (IL-0081-HP)	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide (IL-0029-HP)	1-Butyl-3-methylimidazolium dicyanamide (IL-0010-HP)
1-Butyl-4-methylpyridinium tetrafluoroborate (IL-0085-HP)	1-Butyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)imide (IL-0104-HP)	1-Butyl-1-methylpyrrolidinium dicyanamide (IL-0041-HP)
1-Butyl-3-methylimidazolium hexafluorophosphate (IL-0011-HP)	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide (IL-0098-HP)	1-Ethyl-3-methylimidazolium chloride (IL-0093-HP)
1-Hexyl-3-methylimidazolium hexafluorophosphate (IL-0018-HP)	1-Hexadecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide (IL-0103-HP)	1-Butyl-3-methylimidazolium chloride (IL-0014-HP)
1-Methyl-3-octylimidazolium hexafluorophosphate (IL-0020-HP)	1-Allyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide (IL-0239-HP)	1-Allyl-3-methylimidazolium chloride (IL-0022-HP)
1-Butylpyridinium hexafluorophosphate (IL-0088-HP)	1-Methyl-1-propylpyrrolidinium bis(trifluoromethylsulfonyl)imide (IL-0044-HP)	Trihexyltetradecylphosphonium chloride (IN-0006-TG)
1-Butyl-3-methylpyridinium hexafluorophosphate (IL-0080-HP)	1-Butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide (IL-0035-HP)	1-Ethyl-3-methylimidazolium bromide (IL-0015-HP)
1-Butyl-4-methylpyridinium hexafluorophosphate (IL-0084-HP)	1-Methyl-1-propylpiperidinium bis(trifluoromethylsulfonyl)imide (IL-0045-HP)	1-Butyl-3-methylimidazolium bromide (IL-0037-HP)
1-Ethyl-3-methylimidazolium diethylphosphate (IL-0052-HP)	1-Butylpyridinium bis(trifluoromethylsulfonyl)imide (IL-0213-HP)	1-Ethyl-3-methylimidazolium iodide (IL-0048-HP)
1,3-Dimethylimidazolium dimethylphosphate (IL-0053-HP)	1-Butyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide (IL-0216-HP)	1-Methyl-3-propylimidazolium iodide (IL-0025-HP)
Choline dihydrogenphosphate (IL-0042-HP)	1-Butyl-4-methylpyridinium bis(trifluoromethylsulfonyl)imide (IL-0219-HP)	1-Butyl-3-methylimidazolium iodide (IL-0051-HP)
1-Ethyl-3-methylimidazolium ethylsulfate (IL-0033-HP)	Trihexyltetradecylphosphonium bis(trifluoromethylsulfonyl)imide (IN-0021-HP)	1-Hexyl-3-methylimidazolium iodide (IL-0026-HP)
1-Ethyl-3-methylimidazolium hydrogensulfate (IL-0091-HP)	1-Ethyl-3-methylimidazolium triflate (IL-0009-HP)	1-Allyl-3-methylimidazolium iodide (IL-0231-HP)
1-Ethyl-3-methylimidazolium acetate (IL-0189-TG)	1-Butyl-3-methylimidazolium triflate (IL-0013-HP)	
Ethylammonium nitrate (IL-0043-SG)		

Synthesis & Catalysis-Kit

Among the various applications the use of ionic liquids in synthesis and catalysis is surely the scientific field that was studied most intensively over the past 10 years. Today there are many examples in scientific literature demonstrating that Ionic liquids enhance the reactivity and/or selectivity of a number of processes.^[1]



The most important physical and chemical properties of ionic liquids for their use in synthesis and catalysis are:

- tunable miscibility with many starting materials and products for an easy separation,
- tunable hydrophobicity/hydrophilicity,
- a negligible vapor pressure, and
- chemical and thermal stability.

In our database we have numerous miscibility data and an overview about those reactions that show better yields and/or selectivity, if performed it in ionic liquids.

- **1-Butyl-3-methylimidazolium tetrafluoroborate, 99%** (IL-0012-HP)
- **1-Butyl-3-methylimidazolium hexafluorophosphate, 99%** (IL-0011-HP)
- **1-Butyl-3-methylimidazolium trifluoromethanesulfonate, 99%** (IL-0013-HP)
- **1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%** (IL-0029-HP)
- **1-Butyl-3-methylimidazolium hydrogensulfate, 98%** (IL-0060-HP)

If other ionic liquids are desired, please have also a look at „myKit“.

[1] *Ionic Liquids in Synthesis*, Second Edition, P. Wasserscheid and T. Welton (Eds.), 2008, Wiley VCH Verlags GmbH & Co. KGaA, Weinheim.

DSSC-Kit



The Development of dye sensitized solar cells (DSSCs or Grätzel-cells) is related with the development of ionic liquids since the mid of the 1990s. Based on the fact that ionic liquids

- have **no significant vapor pressure**,
- are **electric conducting**,
- **are electrochemically and thermally stable**,

they are in general interesting electrolytes for the transport of currents in electrochemical cells and are suitable for the use in DSSCs, in particular.

Our DSSC-kit contains those ionic liquids, which are known to be most suitable for this application. It contains predominantly ionic liquids based on the iodide-Anion, which is compatible to the I^-/I_3^- -redox-shuttle and widely used in DSSCs. In addition, three good conducting, low viscous, and electrochemically stable ionic liquids are also included, which may be combined with iodide-based ionic liquids to enhance the overall conductivity:

- **1-Methyl-3-propylimidazolium iodide, 99%** (IL-0025-HP)
- **1-Butyl-3-methylimidazolium iodide, 99%** (IL-0051-HP)
- **1-Hexyl-3-methylimidazolium iodide, 99%** (IL-0026-HP)
- **1,2-Dimethyl-3-propylimidazolium iodide, 99%** (IL-0049-HP)
- **1-Allyl-3-methylimidazolium iodide, >98%** (IL-0231-HP)
- **1-Methyl-1-propylpyrrolidinium iodide, 99%**, (IL-0161-HP)
- **1-Ethyl-3-methylimidazolium thiocyanate, 99%** (IL-0007-HP)
- **1-Ethyl-3-methylimidazolium dicyanamide, 99%** (IL-0003-HP)
- **1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%** (IL-0023-HP)

Nano-Kits



Over the past years, ionic liquids (IL) have gained an increasing interest in the synthesis of inorganic materials and in particular in the synthesis of nanoscaled materials. The most important properties of ILs are:

- the weak or non-coordinating properties of the anions,
- the polarity and surface tension and
- the possibility of supramolecular structures.

In this context, the template-effect plays often a key-role in the control of the size, the size-distribution and the shape of nano-materials. In numerous examples it was already demonstrated successfully that ILs have an significant influence on the morphology of nanomaterials, if they were used as structure-directing media for the synthesis. IOLITEC offers two different nano-kits, each containing 5 different ILs:

Nano-Kit I: („Variation anion & chain length“)

- **1-Butyl-3-methylimidazolium tetrafluoroborate, 99%** (IL-0012-HP)
- **1-Methyl-3-octylimidazolium tetrafluoroborate, 99%** (IL-0021-HP)
- **1-Butyl-3-methylimidazolium hexafluorophosphate, 99%** (IL-0011-HP)
- **1-Methyl-3-octylimidazolium hexafluorophosphate, 99%** (IL-0020-HP)
- **1-Hexadecyl-3-methylimidazolium chloride, 98%** (IL-0115-HP)

Nano-Kit II: („Variation cation“)

- **1-Butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99%**
(IL-0035-HP)
- **1-Methyl-1-octylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99%**
(IL-0121-HP)
- **Butyltrimethylammonium bis(trifluoromethylsulfonyl)imide, 99%** (IL-0032-HP)
- **Triethylsulfonium bis(trifluoromethylsulfonyl)imide, 99%** (IL-0030-HP)
- **Trihexyltetradecylphosphonium bis(trifluoromethylsulfonyl)imide, >98%**
(IN-0021-HP)

If other ionic liquids are desired, please have also a look at „myKit“.

Electrochemistry-Kit

The fact that ionic liquids are consisting entirely of ions, causes often a sufficient to good electric conductivity, in particular for a non evaporating liquid. As a consequence, a number of ionic liquids are suitable for electrochemical applications, because they combine extraordinary electrochemical properties, such as:



- **electric conductivity**
- **electrochemical stability (large electrochemical window)**
- **non flammability**
- **very low vapour pressure**

Thus, they are potentially interesting candidates for a number of different electrochemical applications. As a consequence, over the past years many applications were described in the literature:

- **Batteries**
- **(Super-)capacitors (electric double layer capacitors, EDLCs)**
- **Fuel cells**
- **Sensors**
- **Actuators**

Our electrochemistry kit, containing 5 different ionic liquids, is designed for those researchers, who have novel applications in mind and who like to start with a first set of ionic liquids that are commonly used for similar applications, where comparable properties and specifications are desired:

- **1-Butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99%**
(IL-0035-HP)
- **1-Ethyl-3-methylimidazolium triflate, 99%** (IL-0009-HP)
- **1-Ethyl-3-methylimidazolium tetrafluoroborate, 99%** (IL-0006-HP)
- **1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%**
(IL-0023-HP)
- ***N*-Butyl-*N*-trimethylammonium bis(trifluoromethylsulfonyl)imide, 99%**
(IL-0032-HP)

If other ionic liquids are desired, please have also a look at „myKit“.

Solvents for Crystallization of Proteins

Over the past years a couple of papers were published, in which the use of ionic liquids in biocatalysis and/or the influence of ionic liquids on proteins was described. A very early study from *Magnusson et al.* described the activating influence of a poor concentration of ethylammonium nitrate [EtNH₃]⁺ NO₃⁻ on the phosphatase from *E. coli*.^[1] *Iborra et al.* investigated 2001 the positive influence of different ionic liquids on stability and reactivity of α -chymotrypsine by using a transesterification reaction as an example.^[2] In another work, these results were confirmed by fluorescence- and CD-spectroscopy.^[3]



Lange et al. reported that ionic liquids accelerate the folding of selected proteins.^[4] Recently, *MacFarlane et al.* demonstrated successfully that a group of biocompatible ionic liquids is in the position to dissolve and to stabilize Cytochrome-C.^[5]

Our own research focused on the stabilization and crystallization of enzymes, e.g. using Lysozyme in a number of different ionic liquids.^[6]

Our protein-crystallization kit contains 4 typical ionic liquids:

- **1-Ethyl-3-methylimidazolium acetate, >95%** (IL-0189-TG)
- **1-Ethyl-3-methylimidazolium diethylphosphate, >98%** (IL-0052-HP)
- **1-Ethyl-3-methylimidazolium trifluoromethanesulfonate, 99%** (IL-0009-HP)
- **1-Ethyl-3-methylimidazolium ethylsulfate, 98%** (IL-0033-HP)
- **1-Butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99%** (IL-0035-HP)
- **1-Butyl-3-methylimidazolium dicyanamide, >98%** (IL-0010-HP)
- **Triisobutylmethylphosphonium tosylate, >95%** (IN-0011-TG)
- **Butyltrimethylammonium bis(trifluoromethylsulfonyl)imide, 99%** (IL-0032-HP)
- **Ethanolammonium formiate, >97%** (IL-0034-SG)
- **Ethylammonium nitrate, >97%** (IL-0043-SG)

If other ionic liquids are desired, please have also a look at „myKit“.

[1] D. K. Magnuson et.al., *J.Solution Chem.* **1984**, *13*, 583-587.

[2] J. L. Iborra et.al., *Biotechnology and Bioengineering* **2001**, *75*, 563-569.

[3] J. L. Iborra et.al., *Biotechnology and Bioengineering* **2004**, *88*, 916-924.

[4] C. Lange et.al., *Protein Science* **2005**, *14*, 2693-2701.

[5] D. R. MacFarlane et.al., *Chem. Comm.* 2005, 4804-4806.

[6] T.J. Schubert, A. Bösmann, *Patent Pending*, **2004**, DE102004027196.

ELECTROLYTES FOR THE ALUMINUM-DEPOSITION



Products and prices 2024

1-Ethyl-3-methylimidazolium chloride and Aluminum chloride (1:1.5)			
EP-0001-HP	[---]	--	
		25 g	on request
		50 g	on request
		100 g	on request
		250 g	on request
		500 g	on request
		1 kg	on request
		5 kg	on request

1-Ethyl-3-methylimidazolium chloride and Aluminum chloride (1:2)			
EP-0007-HP	[---]	--	
		500 g	on request
		1 kg	on request

1-Butyl-3-methylimidazolium chloride and Aluminum chloride (1:1.5)			
EP-0002-HP	[---]	--	
		25 g	on request
		50 g	on request
		100 g	on request
		250 g	on request
		500 g	on request
		1 kg	on request
		5 kg	on request

1-Butyl-3-methylimidazolium chloride and Aluminum chloride (1:2)			
EP-0008-HP	[---]	--	
		500 g	on request
		1 kg	on request

Ready-to use electrolyte based on 1-Ethyl-3-methylimidazolium chloride			
EP-0003-HP	[---]	--	
		25 g	on request
		50 g	on request
		100 g	on request
		250 g	on request
		500 g	on request
		1 kg	on request
		5 kg	on request

Ready-to use electrolyte based on 1-Butyl-3-methylimidazolium chloride			
EP-0004-HP	[---]	--	
		25 g	on request
		50 g	on request
		100 g	on request
		250 g	on request
		500 g	on request
		1 kg	on request
		5 kg	on request

ELECTROLYTES FOR THE ALUMINUM-DEPOSITION



Products and prices 2024

We offer several other electrolytes on request. Please contact us, if you are interested in other ratios of the ionic liquid and aluminum chloride or in mixtures of aluminum chloride with other ionic liquids.

AMMONIUM-BASED IONIC LIQUIDS



Products and prices 2024

Butyltrimethylammonium bis(trifluoromethylsulfonyl)imide, 99%

IL-0032-HP [258273-75-5] C₉H₁₈F₆N₂O₄S₂ MW 396.37

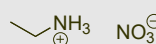


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 99.5 cP σ (30 °C): 2.86 mS/cm ρ (24 °C): 1.40 g/cm³

Ethylammonium nitrate, >97%

IL-0043-SG [22113-86-6] C₂H₉N₂O₃ MW 108.11



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 36.5 cP σ (30 °C): 25.4 mS/cm ρ (36 °C): 1.21 g/cm³

Butyltrimethylammonium bis(trifluoromethylsulfonyl)imide, 99.5%

IL-0032-UP [258273-75-5] C₉H₁₈F₆N₂O₄S₂ MW 396.37

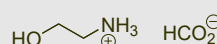


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 99.5 cP σ (30 °C): 2.86 mS/cm ρ (24 °C): 1.40 g/cm³

2-Hydroxyethylammonium formate, >97%

IL-0034-SG [53226-35-0] C₃H₉NO₃ MW 107.11



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 188 cP σ (30 °C): 4.40 mS/cm ρ (24 °C): 1.20 g/cm³

Choline bis(trifluoromethylsulfonyl)imide, 99%

IL-0110-HP [827027-25-8] C₇H₁₄F₆N₂O₄S₂ MW 368.32

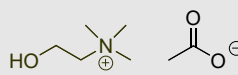


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 35-37 °C η (45 °C): 49.5 cP σ (45 °C): 3.98 mS/cm ρ (25 °C): ~ g/cm³

Choline acetate, aqueous solution, 98%

IL-0322-TP [14586-35-7] C₇H₁₇NO₃ MW 163.21

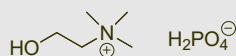


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Choline dihydrogen phosphate, >98%

IL-0042-HP [83846-92-8] C₅H₁₆NPO₄ MW 201.16

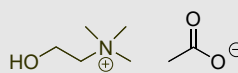


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 190 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Choline acetate, 5% water, 98%

IL-0322-HP [14586-35-7] C₇H₁₇NO₃ MW 163.21



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

AMMONIUM-BASED IONIC LIQUIDS

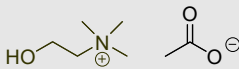


Products and prices 2024

Choline acetate, H₂O < 1000 ppm, 98%

IL-0322-HP [14586-35-7] C₇H₁₇NO₃ MW 163.21

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

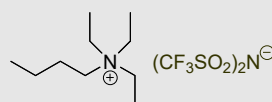


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Butyltriethylammonium bis(trifluoromethylsulfonyl)imide, 99%

IL-0329-HP [324574-91-6] C₁₂H₂₄F₆N₂O₄S₂ MW 438.45

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

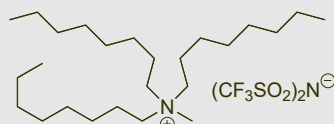


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Methyltrioctylammonium bis(trifluoromethylsulfonyl)imide, 99%

IL-0017-HP [375395-33-8] C₂₇H₅₄F₆N₂O₄S₂ MW 648.85

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

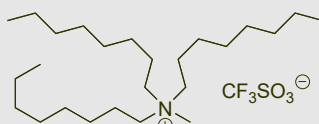


m.p.: <RT η (25 °C): 530 cP σ (25 °C): 0.09 mS/cm ρ (27 °C): 1.15 g/cm³

Methyltrioctylammonium trifluoromethanesulfonate, >97%

IL-0118-HP [121107-18-4] C₂₆H₅₄F₃NO₃S MW 517.77

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

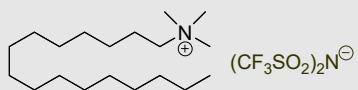


m.p.: 57 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Hexadecyltrimethylammonium bis(trifluoromethylsulfonyl)imide, 99%

IL-0327-HP [1031250-01-7] C₂₁H₄₂F₆N₂O₄S₂ MW 564.69

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

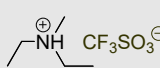


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Diethylmethylammonium trifluoromethanesulfonate, 98%

IL-0326-HP [945715-39-9] C₆H₁₄F₃NO₃S MW 237.24

25 g	on request
50 g	on request
100 g	on request

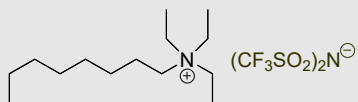


m.p.: <RT η (25 °C): 37.7 cP σ (30 °C): 8.10 mS/cm ρ (25 °C): ~ g/cm³

Octyltriethylammonium bis(trifluoromethylsulfonyl)imide, >98%

IL-0328-HP [210230-48-1] C₁₆H₃₂F₆N₂O₄S₂ MW 494.56

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

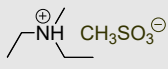


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Diethylmethylammonium methanesulfonate, 98%

IL-0325-HP [945715-44-6] C₆H₁₇NO₃S MW 183.27

25 g	on request
50 g	on request
100 g	on request
250 g	on request



m.p.: <RT η (25 °C): 111 cP σ (40 °C): 6.20 mS/cm ρ (38 °C): 1.12 g/cm³

AMMONIUM-BASED IONIC LIQUIDS

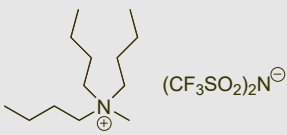


Products and prices 2024

Tributylmethylammonium bis(trifluoromethylsulfonyl)imide, 99%

IL-0117-HP [405514-94-5] $C_{15}H_{30}F_6N_2O_4S_2$ MW 480.53

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

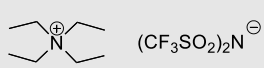


m.p.: <RT η (25 °C): 522 cP σ (30 °C): 0.48 mS/cm ρ (23 °C): 1.26 g/cm³

Tetraethylammonium bis(trifluoromethylsulfonyl)imide, >98%

IL-0335-HP [161401-26-9] $C_{10}H_{20}F_6N_2O_4S_2$ MW 410.40

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

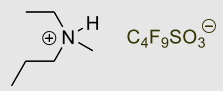


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

***N*-Ethyl-*N*-methyl-*N*-propylammonium perfluorobutanesulfonate, 99%**

IL-0338-HP [1186599-90-5] $C_{10}H_{16}F_9NO_3S$ MW 401.07

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

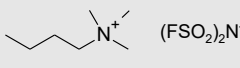


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Butyltrimethylammonium bis(fluorosulfonyl)imide, >98%

IL-0346-HP [---] $C_7H_{18}F_2N_3O_4S_2$ MW 296.35

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

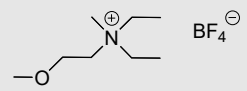


m.p.: ~ °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

***N,N*-Diethyl-*N*-methyl-*N*-(2-methoxyethyl) ammonium tetrafluoroborate, 99%**

IL-0123-HP [464927-72-8] $C_8H_{20}BF_4NO$ MW 233.06

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

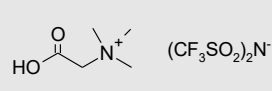


Only available in the European Union and the USA. Produced by Nisshinbo Industries.

Betaine bis(trifluoromethylsulfonyl)imide, 99%

IL-0347-HP [---] $C_7H_{12}F_6N_2O_6S_2$ MW 398.31

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

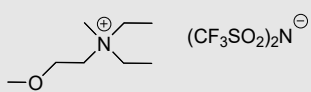


m.p.: ~RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

***N,N*-Diethyl-*N*-methyl-*N*-(2-methoxyethyl) ammonium bis(trifluoromethylsulfonyl)-imide, 99%**

IL-0116-HP [464927-84-2] $C_{10}H_{20}F_6N_2O_5S_2$ MW 426.40

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

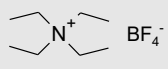


Only available in the European Union and the USA. Produced by Nisshinbo Industries.

Tetraethylammonium Tetrafluoroborate, 98%

IL-0348-HP [429-06-1] $C_8H_{20}BF_4N$ MW 217.06

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: ~RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

AMMONIUM-BASED IONIC LIQUIDS



Products and prices 2024

Tetraethylammonium Tetrafluoroborate, 99%

IL-0348-UP [429-06-1] $C_8H_{20}BF_4N$ MW 217.06

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Triethylammonium bis(trifluoromethylsulfonyl)imide, 98%

IL-0355-HP [...] $C_8H_{16}F_6N_2O_4S_2$ MW 38235

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Ethylidimethylpropylammonium bis(trifluoromethylsulfonyl)imide, 99%

IL-0349-HP [258273-77-7] $C_9H_{18}F_6N_2O_6S_2$ MW 396.37

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Poly(diallyldimethylpyrrolidinium) bis(trifluoromethylsulfonyl)imide, > 98%

IL-0361-HP [521942-10-9] $(C_{10}H_{16}F_6N_2O_4S_2)_n$ MW ~

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: > 250°C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): 1.90 g/cm³

Triethylpentylammonium bis(trifluoromethylsulfonyl)imide, 99%

IL-0350-HP [906478-91-9] $C_{13}H_{26}F_6N_2O_6S_2$ MW 452.50

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Poly(diallyldimethylpyrrolidinium) bis(fluorosulfonyl)imide, > 98%

IL-0362-HP [...] $(C_8H_{16}F_2N_2O_4S_2)_n$ MW ~

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 230°C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): 1.35 g/cm³

Choline Hexanoate, >97%

IL-0351-HP [...] $C_{11}H_{25}NO_3$ MW 219.33

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

N-[2-(Methacryloyloxy)ethyl]-N,N-dimethylbutylammonium bis(fluorosulfonyl)imide, > 97%

IL-0363-HP [...] $C_{14}H_{24}F_6N_2O_6S_2$ MW 494.46

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: -19°C η (25 °C): 1269 cP σ (25 °C): 135.9 μ S/cm ρ (25 °C): 1.43 g/cm³

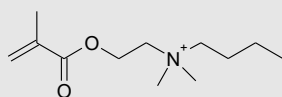
AMMONIUM-BASED IONIC LIQUIDS



Products and prices 2024

N-[2-(Methacryloyloxy)ethyl]-***N,N***-dimethylbutylammonium bis(fluorosulfonyl)imide, > 97%

IL-0364-HP [...] $C_{12}H_{24}F_2N_2O_6S_2$ MW 394.45



$(FSO_2)_2N^-$

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~°C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

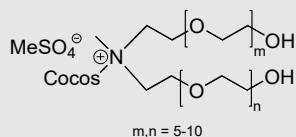
QUARTERNARY AMMONIUM SALTS FROM EVONIK INDUSTRIES AG

Products and prices 2024



IoLiLyte® C1EG, >95%

IN-0022-TG [68989-03-7]

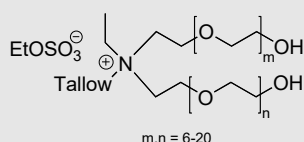


500 g	on request
1 kg	on request
5 kg	on request
10 kg	on request
25 kg	on request
50 kg	on request
100 kg	on request

A product of Evonik Industries AG (TEGO IL K5MS)

IoLiLyte® T2EG, >95%

IN-0023-TG [68071-95-4]

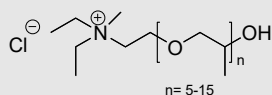


500 g	on request
1 kg	on request
5 kg	on request
10 kg	on request
25 kg	on request
50 kg	on request
100 kg	on request

A product of Evonik Industries AG (TEGO IL T16ES)

IoLiLyte® 221PG >95%

IN-0024-TG [68132-96-7]

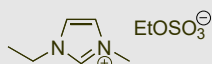


500 g	on request
1 kg	on request
5 kg	on request
10 kg	on request
25 kg	on request
50 kg	on request
100 kg	on request

A product of Evonik Industries AG (TEGO IL P9)

IoLiLyte® 12IM, >95%

IN-0026-HP [342573-75-5] C₈H₁₆N₂O₄S MW 236.29



500 g	on request
1 kg	on request
5 kg	on request
10 kg	on request
25 kg	on request
50 kg	on request
100 kg	on request

IMIDAZOLIUM-BASED BIS(TRIFLUOROMETHYLSULFONYL)IMIDES

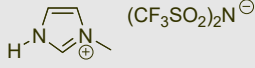
Products and prices 2024



1-Methylimidazolium bis(trifluoromethylsulfonyl)imide, 98%

IL-0261-SG [353239-08-4] C₆H₇F₆N₃O₄S₂ MW 363.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

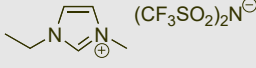


m.p.: 49 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99.5%

IL-0023-UP [174899-82-2] C₈H₁₁F₆N₃O₄S₂ MW 391.31

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

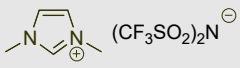


m.p.: -3 °C η (20 °C): 39.4 cP σ (20 °C): 6.63 mS/cm ρ (20 °C): 1.52 g/cm³

1,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0198-HP [174899-81-1] C₇H₉F₆N₃O₄S₂ MW 377.28

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

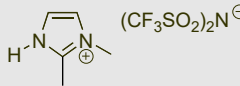


m.p.: <RT η (25 °C): 37.1 cP σ (30 °C): 9.36 mS/cm ρ (22 °C): 1.57 g/cm³

1,2-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide, 98%

IL-0278-SG [353239-12-0] C₇H₉F₆N₃O₄S₂ MW 377.28

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

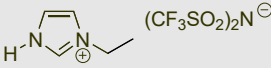


m.p.: <RT η (25 °C): 106 cP σ (25 °C): 1.08 mS/cm ρ (25 °C): ~ g/cm³

1-Ethylimidazolium bis(trifluoromethylsulfonyl)imide, 98%

IL-0269-SG [353239-10-8] C₇H₉F₆N₃O₄S₂ MW 377.28

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

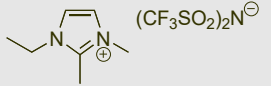


m.p.: <RT η (25 °C): 57.2 cP σ (30 °C): 4.01 mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0106-HP [174899-90-2] C₉H₁₃F₆N₃O₄S₂ MW 405.34

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

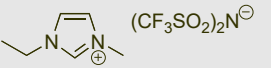


m.p.: 25 °C η (25 °C): 68.5 cP σ (20 °C): 3.18 mS/cm ρ (25 °C): 1.49 g/cm³

1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99.5%

IL-0023-OG [174899-82-2] C₈H₁₁F₆N₃O₄S₂ MW 391.31

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

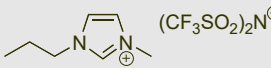


m.p.: -3 °C η (20 °C): 39.4 cP σ (20 °C): 6.63 mS/cm ρ (20 °C): 1.52 g/cm³

1-Methyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0024-HP [216299-72-8] C₉H₁₃F₆N₃O₄S₂ MW 405.34

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: <RT η (25 °C): 43.8 cP σ (20 °C): 4.40 mS/cm ρ (18 °C): 1.48 g/cm³

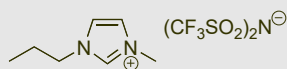
IMIDAZOLIUM-BASED BIS(TRIFLUOROMETHYLSULFONYL)IMIDES

Products and prices 2024



1-Methyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide, 99.5%

IL-0024-UP [216299-72-8] C₉H₁₃F₆N₃O₄S₂ MW 405.34

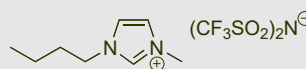


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 43.8 cP σ (20 °C): 4.40 mS/cm ρ (18 °C): 1.48 g/cm³

1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99.5%

IL-0029-UP [174899-83-3] C₁₀H₁₅F₆N₃O₄S₂ MW 419.37

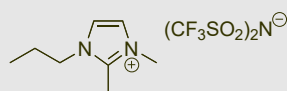


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: -4 °C η (25 °C): 48.8 cP σ (25 °C): 3.41 mS/cm ρ (19 °C): 1.44 g/cm³

1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0134-HP [169051-76-7] C₁₀H₁₅F₆N₃O₄S₂ MW 419.36

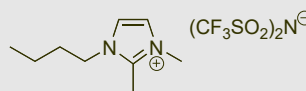


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 91.9 cP σ (25 °C): 1.95 mS/cm ρ (25 °C): 1.45 g/cm³

1-Butyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0104-HP [350493-08-2] C₁₁H₁₇F₆N₃O₄S₂ MW 433.99

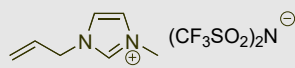


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 98.0 cP σ (25 °C): 1.96 mS/cm ρ (25 °C): 1.42 g/cm³

1-Allyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0239-HP [655249-87-9] C₉H₁₁F₆N₃O₄S₂ MW 403.32

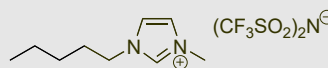


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 35.0 cP σ (30 °C): 8.87 mS/cm ρ (29 °C): 1.49 g/cm³

1-Methyl-3-pentylimidazolium bis(trifluoromethylsulfonyl)imide, >99%

IL-0300-HP [280779-53-5] C₁₁H₁₇F₆N₃O₄S₂ MW 433.99

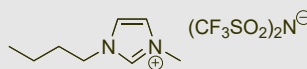


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 59.3 cP σ (30 °C): 3.28 mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0029-OG [174899-83-3] C₁₀H₁₅F₆N₃O₄S₂ MW 419.37

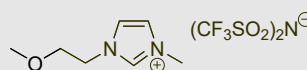


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: -4 °C η (25 °C): 48.8 cP σ (25 °C): 3.41 mS/cm ρ (19 °C): 1.44 g/cm³

1-(2-Methoxyethyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0333-HP [178631-01-1] C₉H₁₃F₆N₃O₅S₂ MW 421.34



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 46.9 cP σ (30 °C): 4.81 mS/cm ρ (25 °C): ~ g/cm³

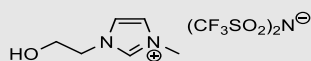
IMIDAZOLIUM-BASED BIS(TRIFLUOROMETHYLSULFONYL)IMIDES

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1-(2-Hydroxyethyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0194-HP [174899-86-6] C₈H₁₁F₆N₃O₅S₂ MW 407.31

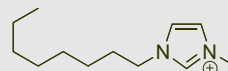


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 81.6 cP σ (25 °C): 1.68 mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0099-HP [178631-04-4] C₁₄H₂₃F₆N₃O₄S₂ MW 475.47

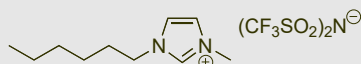


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 86.6 cP σ (30 °C): 1.60 mS/cm ρ (25 °C): 1.32 g/cm³

1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0098-HP [382150-50-7] C₁₂H₁₉F₆N₃O₄S₂ MW 447.42

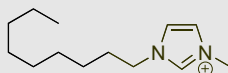


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 63.2 cP σ (30 °C): 2.27 mS/cm ρ (29 °C): 1.37 g/cm³

1-Methyl-3-nonylimidazolium bis(trifluoromethylsulfonyl)imide, >99%

IL-0302-HP [433337-21-4] C₁₅H₂₅F₆N₃O₄S₂ MW 489.50

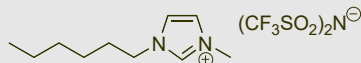


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0098-UP [382150-50-7] C₁₂H₁₉F₆N₃O₄S₂ MW 447.42

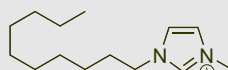


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 63.2 cP σ (30 °C): 2.27 mS/cm ρ (29 °C): 1.37 g/cm³

1-Decyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, >98%

IL-0100-HP [433337-23-6] C₁₆H₂₇F₆N₃O₄S₂ MW 503.53

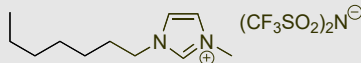


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 113 cP σ (24 °C): 0.76 mS/cm ρ (25 °C): 1.27 g/cm³

1-Heptyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, >99%

IL-0301-HP [425382-14-5] C₁₃H₂₁F₆N₃O₄S₂ MW 461.44

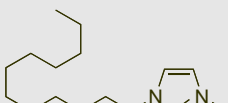


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Dodecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, >98%

IL-0101-HP [404001-48-5] C₁₈H₃₁F₆N₃O₄S₂ MW 531.58



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 136 cP σ (30 °C): 0.82 mS/cm ρ (22 °C): 1.25 g/cm³

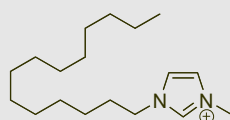
IMIDAZOLIUM-BASED BIS(TRIFLUOROMETHYLSULFONYL)IMIDES

Products and prices 2024



1-Methyl-3-tetradecylimidazolium bis(trifluoromethylsulfonyl)imide, >98%

IL-0102-HP [404001-49-6] C₂₀H₃₅F₆N₃O₄S₂ MW 559.63

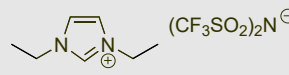


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 38 °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1,3-Diethylimidazolium bis(trifluoromethylsulfonyl)imide, 98%

IL-0188-HP [174899-88-8] C₉H₁₃F₆N₃O₄S₂ MW 405.34

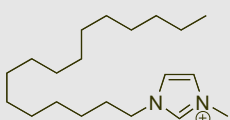


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 14 °C η (25 °C): 27.9 cP σ (30 °C): 8.24 mS/cm ρ (22 °C): 1.48 g/cm³

1-Hexadecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, >98%

IL-0103-HP [404001-50-9] C₂₂H₃₉F₆N₃O₄S₂ MW 578.69

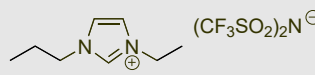


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 49 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide, 98%

IL-0285-HP [347882-21-7] C₁₀H₁₅F₆N₃O₄S₂ MW 419.36

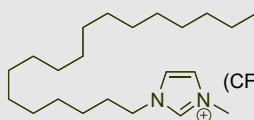


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octadecylimidazolium bis(trifluoromethylsulfonyl)imide, >98%

IL-0200-HP [404001-51-0] C₂₄H₄₃F₆N₃O₄S₂ MW 615.74

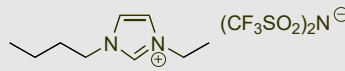


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 55-60 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-ethylimidazolium bis(trifluoromethylsulfonyl)imide, 98%

IL-0289-HP [174899-89-9] C₁₁H₁₇F₆N₃O₄S₂ MW 433.39

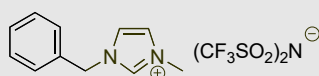


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 99%

IL-0241-HP [433337-24-7] C₁₃H₁₃F₆N₃O₄S₂ MW 453.38

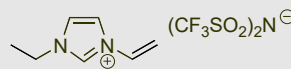


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 153 cP σ (30 °C): 1.77 mS/cm ρ (25 °C): 1.49 g/cm³

1-Ethyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide, 98%

IL-0291-HP [204854-22-8] C₉H₁₁F₆N₃O₄S₂ MW 403.32



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

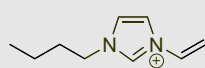
m.p.: <RT η (25 °C): 47.0 cP σ (25 °C): 2.69 mS/cm ρ (25 °C): 1.50 g/cm³

IMIDAZOLIUM-BASED BIS(TRIFLUOROMETHYLSULFONYL)IMIDES

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1-Butyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide, 98%

IL-0293-HP [758716-72-2] $C_{11}H_{15}F_6N_3O_4S_2$ MW 431.37

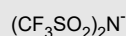
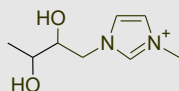


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 77.4 cP σ (25 °C): 1.41 mS/cm ρ (25 °C): 1.42 g/cm³

1-(2,3-Dihydroxypropyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, >95%

IL-0339-HP [...] $C_{10}H_{15}F_6N_3O_6S_2$ MW 586.13

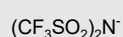
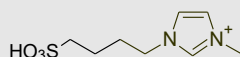


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~ °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-(4-Sulfobutyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)imide, 98%

IL-0354-HP [...] $C_{10}H_{15}F_6O_7S_3N_3$ MW 499.43



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~ °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

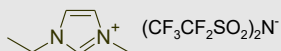
IMIDAZOLIUM-BASED BIS(PERFLUOROETHYLSULFONYL)IMIDES

Products and prices 2024



1-Ethyl-3-methylimidazolium bis(perfluoroethylsulfonyl)imide, >98%

IL-0320-HP [216299-76-2] $C_{10}H_{11}F_{10}N_3O_4S_2$ MW 491.32

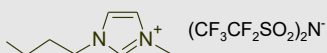


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: ~ °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium bis(perfluoroethylsulfonyl)imide, >98%

IL-0321-HP [254731-29-8] $C_{12}H_{15}F_{10}N_3O_4S_2$ MW 519.37



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: ~ °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

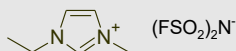
IMIDAZOLIUM-BASED BIS(FLUOROSULFONYL)IMIDES

Products and prices 2024



1-Ethyl-3-methylimidazolium bis(fluorosulfonyl)imide, >98%

IL-0342-HP [235789-75-0] C₆H₁₁F₂N₃O₄S₂ MW 291.30

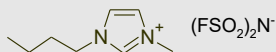


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: ~ °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium bis(fluorosulfonyl)imide, >98%

IL-0345-HP [1235234-58-8] C₈H₁₅F₂N₃O₄S₂ MW 319.35



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: ~ °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED TRIFLATES

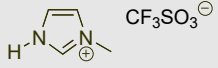
Products and prices 2024



1-Methylimidazolium trifluoromethanesulfonate, 98%

IL-0263-SG [99257-94-0] C₄H₇F₃N₂O₃S MW 232.18

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

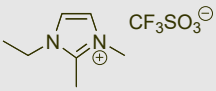


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-2,3-dimethylimidazolium trifluoromethanesulfonate, 99%

IL-0002-HP [174899-72-0] C₈H₁₃F₃N₂O₃S MW 274.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

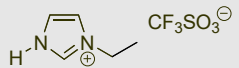


m.p.: 105 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethylimidazolium trifluoromethanesulfonate, 98%

IL-0271-SG [501693-46-5] C₆H₉F₃N₂O₃S MW 246.21

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

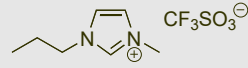


m.p.: >RT η (25 °C): ~ cP σ (30 °C): 5.96 mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-propylimidazolium trifluoromethanesulfonate, 99%

IL-0296-HP [878550-45-9] C₈H₁₃F₃N₂O₃S MW 274.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

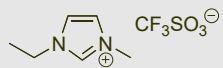


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium trifluoromethanesulfonate, 99%

IL-0009-HP [145022-44-2] C₇H₁₁F₃N₂O₃S MW 260.24

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

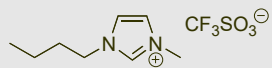


m.p.: -9 °C η (25 °C): 39.8 cP σ (30 °C): 9.84 mS/cm ρ (25 °C): 1.39 g/cm³

1-Butyl-3-methylimidazolium trifluoromethanesulfonate, 99%

IL-0013-HP [174899-66-2] C₉H₁₅F₃N₂O₃S MW 288.29

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

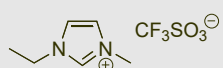


m.p.: 16 °C η (25 °C): 80.0 cP σ (20 °C): 3.05 mS/cm ρ (25 °C): 1.30 g/cm³

1-Ethyl-3-methylimidazolium trifluoromethanesulfonate, 99+%

IL-0009-UP [145022-44-2] C₇H₁₁F₃N₂O₃S MW 260.24

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

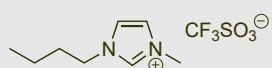


m.p.: -9 °C η (25 °C): 39.8 cP σ (30 °C): 9.84 mS/cm ρ (25 °C): 1.39 g/cm³

1-Butyl-3-methylimidazolium trifluoromethanesulfonate, 99.5%

IL-0013-UP [174899-66-2] C₉H₁₅F₃N₂O₃S MW 288.29

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: 16 °C η (25 °C): 80.0 cP σ (20 °C): 3.05 mS/cm ρ (25 °C): 1.30 g/cm³

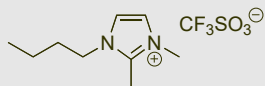
IMIDAZOLIUM-BASED TRIFLATES

Products and prices 2024



1-Butyl-2,3-dimethylimidazolium trifluoromethanesulfonate, 99%

IL-0059-HP [765910-73-4] C₁₀H₁₇F₃N₂O₃S MW 302.32

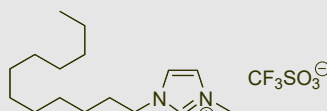


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 40 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Dodecyl-3-methylimidazolium trifluoromethanesulfonate, 99%

IL-0133-HP [404001-52-1] C₁₇H₃₁F₃N₂O₃S MW 400.50

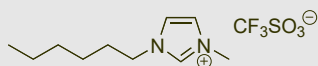


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 47 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexyl-3-methylimidazolium trifluoromethanesulfonate, 99%

IL-0070-HP [460345-16-8] C₁₁H₁₉F₃N₂O₃S MW 316.34

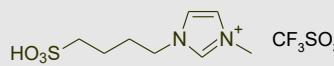


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 135 cP σ (24 °C): 1.61 mS/cm ρ (29 °C): 1.24 g/cm³

1-(4-sulfobutyl)-3-methylimidazolium trifluoromethanesulfonate, 98%

IL-0353-HP [---] C₉H₁₅N₂F₃S₂O₆ MW 368.35

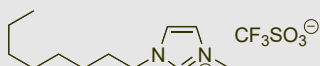


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: ~ °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octylimidazolium trifluoromethanesulfonate, 99%

IL-0073-HP [403842-84-2] C₁₃H₂₃F₃N₂O₃S MW 344.40

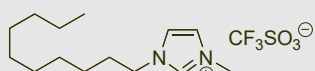


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: -20 °C η (25 °C): 225 cP σ (24 °C): 0.58 mS/cm ρ (25 °C): 1.20 g/cm³

1-Decyl-3-methylimidazolium trifluoromethanesulfonate, 99%

IL-0068-HP [412009-62-2] C₁₅H₂₇F₃N₂O₃S MW 372.45



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 298 cP σ (24 °C): 0.41 mS/cm ρ (26 °C): 1.15 g/cm³

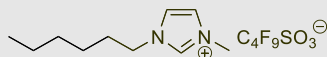
IMIDAZOLIUM-BASED PERFLUOROBUTANESULFONATES

Products and prices 2024



1-Hexyl-3-methylimidazolium perfluorobutanesulfonate, >99%

IL-0311-HP [1001557-05-6] C₁₄H₁₉F₉N₂O₃S MW 466.36

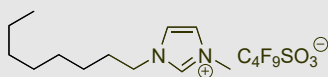


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 376 cP σ (30 °C): 0.41 mS/cm ρ (28 °C): 1.39 g/cm³

1-Methyl-3-octylimidazolium perfluorobutanesulfonate, >99%

IL-0312-HP [905972-83-0] C₁₆H₂₃F₉N₂O₃S MW 494.42



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 35 °C η (40 °C): 171 cP σ (40 °C): 0.46 mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED HEXAFLUOROPHOSPHATES

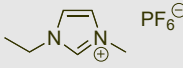
Products and prices 2024



1-Ethyl-3-methylimidazolium hexafluorophosphate, 99%

IL-0122-HP [155371-19-0] C₆H₁₁F₆N₂P MW 256.13

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

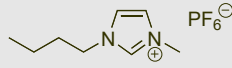


m.p.: 64 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium hexafluorophosphate, 99.5%

IL-0011-UP [174501-64-5] C₈H₁₅F₆N₂P MW 284.18

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

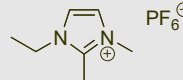


m.p.: -8 °C η (25 °C): 267 cP σ (30 °C): 1.92 mS/cm ρ (23 °C): 1.37 g/cm³

1-Ethyl-2,3-dimethylimidazolium hexafluorophosphate, 99%

IL-0139-HP [292140-86-4] C₇H₁₃F₆N₂P MW 270.16

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

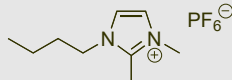


m.p.: 79 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-2,3-dimethylimidazolium hexafluorophosphate, 99%

IL-0057-HP [227617-70-1] C₉H₁₇F₆N₂P MW 298.21

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

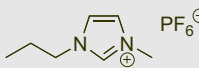


m.p.: 43 °C η (45 °C): 554 cP σ (45 °C): 0.76 mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-propylimidazolium hexafluorophosphate, 99%

IL-0142-HP [216300-12-8] C₇H₁₃F₆N₂P MW 270.16

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

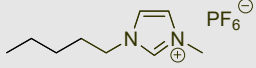


m.p.: 41 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-pentylimidazolium hexafluorophosphate, >99%

IL-0306-HP [280779-52-4] C₉H₁₇F₆N₂P MW 298.21

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

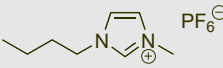


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium hexafluorophosphate, 99%

IL-0011-HP [174501-64-5] C₈H₁₅F₆N₂P MW 284.18

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

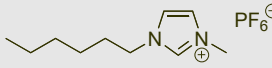


m.p.: -8 °C η (25 °C): 267 cP σ (30 °C): 1.92 mS/cm ρ (23 °C): 1.37 g/cm³

1-Hexyl-3-methylimidazolium hexafluorophosphate, 99%

IL-0018-HP [304680-35-1] C₁₀H₁₉F₆N₂P MW 312.24

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: <RT η (25 °C): 465 cP σ (30 °C): 0.80 mS/cm ρ (23 °C): 1.30 g/cm³

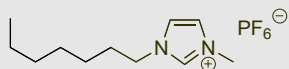
IMIDAZOLIUM-BASED HEXAFLUOROPHOSPHATES

Products and prices 2024



1-Heptyl-3-methylimidazolium hexafluorophosphate, >99%

IL-0307-HP [357915-04-9] C₁₁H₂₁F₆N₂P MW 326.26

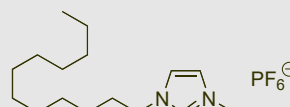


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Dodecyl-3-methylimidazolium hexafluorophosphate, >98%

IL-0095-HP [219947-93-0] C₁₆H₃₁F₆N₂P MW 396.96

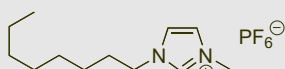


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 60 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octylimidazolium hexafluorophosphate, 99%

IL-0020-HP [304680-36-2] C₁₂H₂₃F₆N₂P MW 340.29

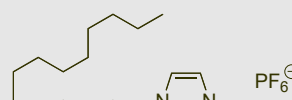


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 608 cP σ (30 °C): 0.44 mS/cm ρ (24 °C): 1.24 g/cm³

1-Methyl-3-tetradecylimidazolium hexafluorophosphate, >98%

IL-0157-HP [219947-94-1] C₁₈H₃₅F₆N₂P MW 424.45

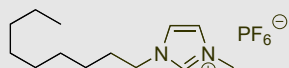


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 69 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-nonylimidazolium hexafluorophosphate, >99%

IL-0308-HP [343952-29-4] C₁₃H₂₅F₆N₂P MW 354.32

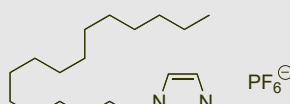


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexadecyl-3-methylimidazolium hexafluorophosphate, >98%

IL-0158-HP [219947-95-2] C₂₀H₃₉F₆N₂P MW 452.50

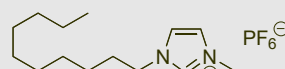


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 125 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Decyl-3-methylimidazolium hexafluorophosphate, >98%

IL-0066-HP [362043-46-7] C₁₄H₂₇F₆N₂P MW 368.34

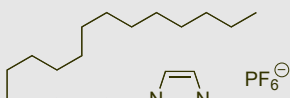


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 30-35 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octadecylimidazolium hexafluorophosphate, >98%

IL-0159-HP [219947-96-3] C₂₂H₄₃F₆N₂P MW 480.55



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

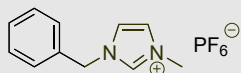
m.p.: 88 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED HEXAFLUOROPHOSPHATES

Products and prices 2024

1-Benzyl-3-methylimidazolium hexafluorophosphate, 99%

IL-0187-HP [433337-11-2] $C_{11}H_{13}F_6N_2P$ MW 318.20

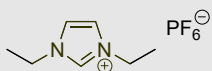


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 135 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1,3-Diethylimidazolium hexafluorophosphate, 98%

IL-0281-HP [370085-15-7] $C_7H_{13}F_6N_2P$ MW 270.16

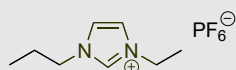


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-propylimidazolium hexafluorophosphate, 98%

IL-0284-HP [1770850-03-7] $C_8H_{15}F_6N_2P$ MW 284.18

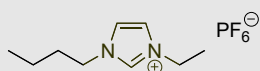


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-ethylimidazolium hexafluorophosphate, 98%

IL-0288-HP [256647-89-9] $C_9H_{17}F_6N_2P$ MW 298.21



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED TETRAFLUOROBORATES

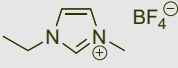
Products and prices 2024



1-Ethyl-3-methylimidazolium tetrafluoroborate, >98%

IL-0006-HP [143314-16-3] C₆H₁₁BF₄N₂ MW 197.97

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

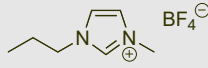


m.p.: 15 °C η (25 °C): 33.8 cP σ (25 °C): 14.1 mS/cm ρ (24 °C): 1.28 g/cm³

1-Methyl-3-propylimidazolium tetrafluoroborate, >98%

IL-0143-HP [244193-48-4] C₇H₁₃BF₄N₂ MW 212.00

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

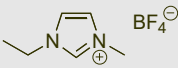


m.p.: <RT η (25 °C): 74.4 cP σ (25 °C): ~ mS/cm ρ (20 °C): 1.27 g/cm³

1-Ethyl-3-methylimidazolium tetrafluoroborate, 99%

IL-0006-UP [143314-16-3] C₆H₁₁BF₄N₂ MW 197.97

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

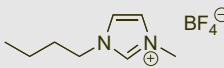


m.p.: 15 °C η (25 °C): 33.8 cP σ (25 °C): 14.1 mS/cm ρ (24 °C): 1.28 g/cm³

1-Butyl-3-methylimidazolium tetrafluoroborate, 99%

IL-0012-HP [174501-65-6] C₈H₁₅BF₄N₂ MW 226.02

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

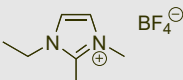


m.p.: <RT η (25 °C): 104 cP σ (20 °C): 3.15 mS/cm ρ (24 °C): 1.30 g/cm³

1-Ethyl-2,3-dimethylimidazolium tetrafluoroborate, >98%

IL-0001-HP [307492-75-7] C₇H₁₃BF₄N₂ MW 212.00

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

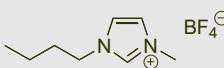


m.p.: 104 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium tetrafluoroborate, 99:9%

IL-0012-UP [174501-65-6] C₈H₁₅BF₄N₂ MW 226.02

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

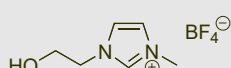


m.p.: <RT η (25 °C): 104 cP σ (20 °C): 3.15 mS/cm ρ (24 °C): 1.30 g/cm³

1-(2-Hydroxyethyl)-3-methylimidazolium tetrafluoroborate, >98%

IL-0038-HP [374564-83-7] C₆H₁₁BF₄N₂O MW 213.97

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

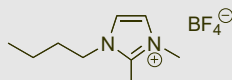


m.p.: <RT η (20 °C): 137 cP σ (20 °C): 3.42 mS/cm ρ (22 °C): 1.34 g/cm³

1-Butyl-2,3-dimethylimidazolium tetrafluoroborate, 99%

IL-0058-HP [402846-78-0] C₉H₁₇BF₄N₂ MW 240.05

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: 36 °C η (45 °C): 172 cP σ (45 °C): 2.16 mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED TETRAFLUOROBORATES

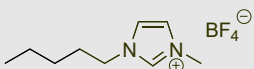
Products and prices 2024



1-Methyl-3-pentylimidazolium tetrafluoroborate, >99%

IL-0303-HP [244193-49-5] C₉H₁₇BF₄N₂ MW 240.05

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

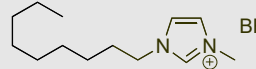


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-nonylimidazolium tetrafluoroborate, >99%

IL-0305-HP [244193-55-3] C₁₃H₂₅BF₄N₂ MW 296.16

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

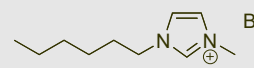


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexyl-3-methylimidazolium tetrafluoroborate, 99%

IL-0019-HP [244193-50-8] C₁₀H₁₉BF₄N₂ MW 254.08

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

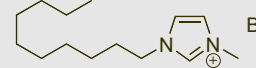


m.p.: <RT η (20 °C): 288 cP σ (20 °C): 1.18 mS/cm ρ (24 °C): 1.15 g/cm³

1-Decyl-3-methylimidazolium tetrafluoroborate, >98%

IL-0067-HP [244193-56-4] C₁₄H₂₇BF₄N₂ MW 310.18

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

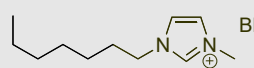


m.p.: -4 °C η (18 °C): 721 cP σ (25 °C): ~ mS/cm ρ (20 °C): 1.07 g/cm³

1-Heptyl-3-methylimidazolium tetrafluoroborate, >99%

IL-0304-HP [244193-51-9] C₁₁H₂₁BF₄N₂ MW 268.10

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

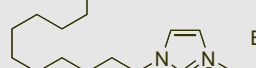


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Dodecyl-3-methylimidazolium tetrafluoroborate, >98%

IL-0132-HP [244193-59-7] C₁₆H₃₁BF₄N₂ MW 338.24

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

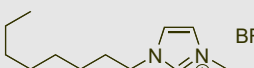


m.p.: 26 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octylimidazolium tetrafluoroborate, 99%

IL-0021-HP [244193-52-0] C₁₂H₂₃BF₄N₂ MW 282.13

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

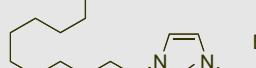


m.p.: <RT η (20 °C): 760 cP σ (30 °C): 1.27 mS/cm ρ (19 °C): 1.11 g/cm³

1-Methyl-3-tetradecylimidazolium tetrafluoroborate, >98%

IL-0256-HP [244193-61-1] C₁₈H₃₅BF₄N₂ MW 266.28

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: 37 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED TETRAFLUOROBORATES

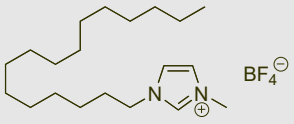
Products and prices 2024



1-Hexadecyl-3-methylimidazolium tetrafluoroborate, >98%

IL-0097-HP [244193-64-4] $C_{26}H_{39}BF_4N_2$ MW 394.34

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

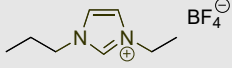


m.p.: 55 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-propylimidazolium tetrafluoroborate, 98%

IL-0283-HP [--] $C_8H_{15}BF_4N_2$ MW 226.02

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

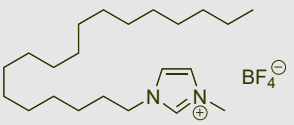


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octadecylimidazolium tetrafluoroborate, >98%

IL-0210-HP [244193-65-5] $C_{22}H_{43}BF_4N_2$ MW 422.39

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

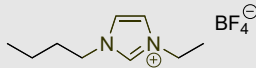


m.p.: 65 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-ethylimidazolium tetrafluoroborate, 98%

IL-0287- HP [581101-91-9] $C_9H_{17}BF_4N_2$ MW 240.05

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

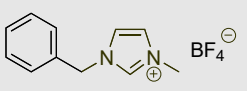


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Benzyl-3-methylimidazolium tetrafluoroborate, 99%

IL-0193-HP [500996-04-3] $C_{11}H_{13}BF_4N_2$ MW 260.04

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

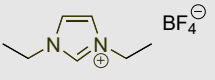


m.p.: 78 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1,3-Diethylimidazolium tetrafluoroborate, 98%

IL-0280- HP [847335-65-3] $C_7H_{13}BF_4N_2$ MW 212.00

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: ~ °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED CHLORIDES

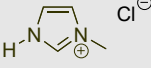
Products and prices 2024



1-Methylimidazolium chloride, 98%

IL-0094-SG [35487-17-3] C₄H₇ClN₂ MW 118.57

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

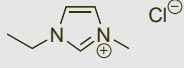


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium chloride, >99%

IL-0093-UP [65039-09-0] C₆H₁₁ClN₂ MW 146.62

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

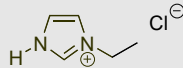


m.p.: 87 °C filled in as crystalline solid!

1-Ethylimidazolium chloride, 98%

IL-0275-SG [81505-35-3] C₅H₉ClN₂ MW 132.59

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

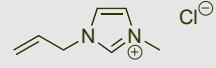


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Allyl-3-methylimidazolium chloride, >98%

IL-0022-HP [65039-10-3] C₇H₁₁N₂Cl MW 158.63

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

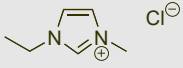


m.p.: 47 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium chloride, >95%

IL-0093-TG [65039-09-0] C₆H₁₁ClN₂ MW 146.62

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

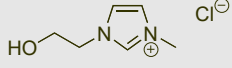


m.p.: 87 °C filled in as melt!

1-(2-Hydroxyethyl)-3-methylimidazolium chloride, 99%

IL-0039-HP [61755-34-8] C₆H₁₁ClN₂O MW 162.62

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

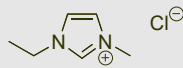


m.p.: 83 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium chloride, >98%

IL-0093-HP [65039-09-0] C₆H₁₁ClN₂ MW 146.62

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

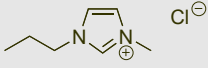


m.p.: 87 °C filled in as crystalline solid!

1-Methyl-3-propylimidazolium chloride, >98%

IL-0144-HP [79917-89-8] C₇H₁₃ClN₂ MW 160.64

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: 60 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED CHLORIDES

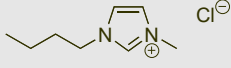
Products and prices 2024



1-Butyl-3-methylimidazolium chloride, 99%

IL-0014-HP [79917-90-1] $C_8H_{15}ClN_2$ MW 174.67

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

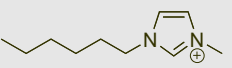


m.p.: 65 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexyl-3-methylimidazolium chloride, >98%

IL-0054-HP [171058-17-6] $C_{10}H_{19}ClN_2$ MW 202.72

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

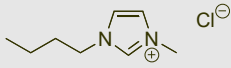


m.p.: <RT η (35 °C): 3302 cP σ (30 °C): 0.08 mS/cm ρ (26 °C): 1.04 g/cm³

1-Butyl-3-methylimidazolium chloride, 99.5%

IL-0014-UP [79917-90-1] $C_8H_{15}ClN_2$ MW 174.67

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

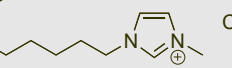


m.p.: 65 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octylimidazolium chloride, 99%

IL-0072-HP [64697-40-1] $C_{12}H_{23}ClN_2$ MW 230.78

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

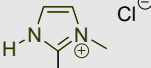


m.p.: <RT η (35 °C): 3690 cP σ (30 °C): 0.09 mS/cm ρ (24 °C): 1.01 g/cm³

1,2-Dimethylimidazolium chloride, 98%

IL-0277-SG [34531-53-8] $C_5H_9ClN_2$ MW 132.59

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

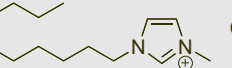


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Decyl-3-methylimidazolium chloride, >98%

IL-0065-HP [171058-18-7] $C_{14}H_{27}ClN_2$ MW 258.83

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

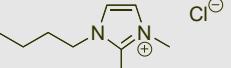


m.p.: >25°C η (35 °C): 8570 cP σ (30 °C): 0.02 mS/cm ρ (25 °C): 0.99 g/cm³

1-Butyl-2,3-dimethylimidazolium chloride, 99%

IL-0056-HP [98892-75-2] $C_9H_{17}ClN_2$ MW 188.70

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request




m.p.: 100 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Dodecyl-3-methylimidazolium chloride, >98%

IL-0120-HP [114569-84-5] $C_{16}H_{31}ClN_2$ MW 286.89

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: 150 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

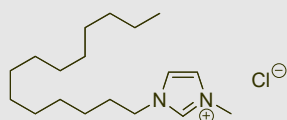
IMIDAZOLIUM-BASED CHLORIDES

Products and prices 2024



1-Methyl-3-tetradecylimidazolium chloride, >98%

IL-0141-HP [171058-21-2] C₁₈H₃₅ClN₂ MW 314.94

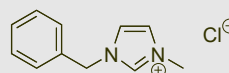


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Benzyl-3-methylimidazolium chloride, 99%

IL-0140-HP [36443-80-8] C₁₁H₁₃ClN₂ MW 208.69

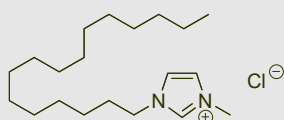


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 75 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexadecyl-3-methylimidazolium chloride, >98%

IL-0115-HP [61546-01-8] C₂₀H₃₉ClN₂ MW 343.00

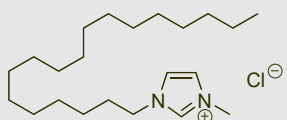


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 210 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octadecylimidazolium chloride, >98%

IL-0160-HP [171058-19-8] C₂₂H₄₃ClN₂ MW 371.04

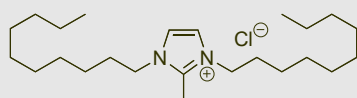


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 210 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1,3-Didecyl-2-methylimidazolium chloride, >98%

IL-0046-HP [70862-65-6] C₂₄H₄₇ClN₂ MW 399.10



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 160°C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED BROMIDES

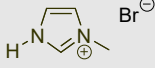
Products and prices 2024



1-Methylimidazolium bromide, 98%

IL-0267-SG [101023-58-9] C₄H₇BrN₂ MW 163.02

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

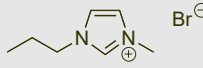


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-propylimidazolium bromide, 99%

IL-0096-HP [85100-76-1] C₇H₁₃BrN₂ MW 205.10

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

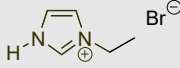


m.p.: 28 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethylimidazolium bromide, 98%

IL-0276-SG [501693-36-3] C₅H₉BrN₂ MW 177.04

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

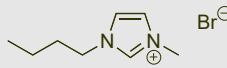


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium bromide, 99%

IL-0037-HP [85100-77-2] C₈H₁₅BrN₂ MW 219.12

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

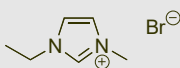


m.p.: 81 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium bromide, 99%

IL-0015-HP [65039-08-9] C₆H₁₁BrN₂ MW 191.07

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

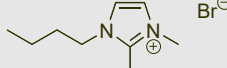


m.p.: 91 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-2,3-dimethylimidazolium bromide, 99%

IL-0055-HP [475575-45-2] C₉H₁₇BrN₂ MW 233.15

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

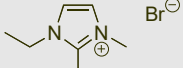


m.p.: 104 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-2,3-dimethylimidazolium bromide, 99%

IL-0135-HP [98892-76-3] C₇H₁₃BrN₂ MW 205.10

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

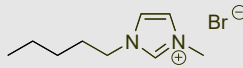


m.p.: 140 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-pentylimidazolium bromide, >99%

IL-0297-HP [343851-31-0] C₉H₁₇BrN₂ MW 233.15

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED BROMIDES

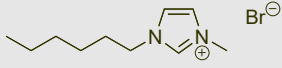
Products and prices 2024



1-Hexyl-3-methylimidazolium bromide, 99%

IL-0069-HP [85100-78-3] C₁₀H₁₉BrN₂ MW 247.18

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

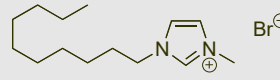


m.p.: <RT η (25 °C): 3822 cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Decyl-3-methylimidazolium bromide, >98%

IL-0064-HP [188589-32-4] C₁₄H₂₇BrN₂ MW 303.28

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

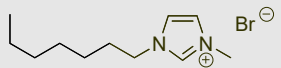


m.p.: <RT η (18 °C): 18020 cP σ (25 °C): 0.07 mS/cm ρ (25 °C): 1.13 g/cm³

1-Heptyl-3-methylimidazolium bromide, >99%

IL-0298-HP [343851-32-1] C₁₁H₂₁BrN₂ MW 261.20

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

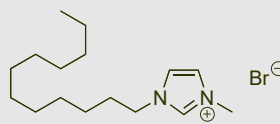


m.p.: <RT η (25 °C): 6680 cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Dodecyl-3-methylimidazolium bromide, >98%

IL-0119-HP [61546-00-7] C₁₆H₃₁BrN₂ MW 331.34

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

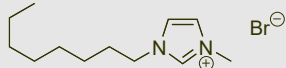


m.p.: 112 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-octylimidazolium bromide, 99%

IL-0071-HP [61545-99-1] C₁₂H₂₃BrN₂ MW 275.23

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

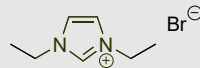


m.p.: <RT η (25 °C): 6604 cP σ (30 °C): 0.06 mS/cm ρ (24 °C): 1.17 g/cm³

1,3-Diethylimidazolium bromide, 98%

IL-0279-HP [54304-66-4] C₇H₁₃BrN₂ MW 205.10

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

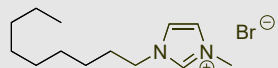


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-3-nonylimidazolium bromide, >99%

IL-0299-HP [343851-34-3] C₁₃H₂₅BrN₂ MW 289.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

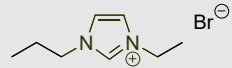


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-propylimidazolium bromide, 98%

IL-0282-HP [637348-59-5] C₈H₁₅BrN₂ MW 219.11

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



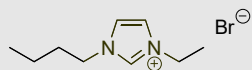
m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED BROMIDES

Products and prices 2024

1-Butyl-3-ethylimidazolium bromide, 98%

IL-0286- HP [174899-64-0] $C_9H_{17}BrN_2$ MW 233.15

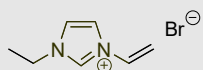


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-vinylimidazolium bromide, 98%

IL-0290- HP [34311-88-1] $C_7H_{11}BrN_2$ MW 203.08

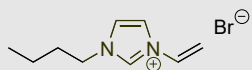


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-vinylimidazolium bromide, 98%

IL-0292- HP [34311-90-5] $C_9H_{15}BrN_2$ MW 231.13



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED IODIDES

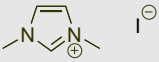
Products and prices 2024



1,3-Dimethylimidazolium iodide, >98%

IL-0199-HP [4333-62-4] C₅H₉IN₂ MW 224.04

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

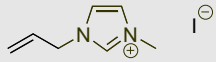


m.p.: 81 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Allyl-3-methylimidazolium iodide, >98%

IL-0231-HP [65039-07-8] C₇H₁₁N₂I MW 250.08

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

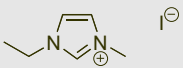


m.p.: 57 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium iodide, >98%

IL-0048-HP [35935-34-3] C₆H₁₁IN₂ MW 238.07

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

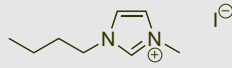


m.p.: 80-85 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium iodide, >98%

IL-0051-HP [65039-05-6] C₈H₁₅IN₂ MW 266.12

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

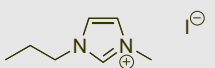


m.p.: <RT η (25 °C): 1183 cP σ (25 °C): 0.52 mS/cm ρ (25 °C): 1.48 g/cm³

1-Methyl-3-propylimidazolium iodide, >98%

IL-0025-HP [119171-18-5] C₇H₁₃IN₂ MW 252.10

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

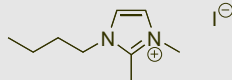


m.p.: <RT η (25 °C): 935 cP σ (30 °C): 0.96 mS/cm ρ (24 °C): 1.54 g/cm³

1-Butyl-2,3-dimethylimidazolium iodide, >98%

IL-0137-HP [108203-70-9] C₉H₁₇IN₂ MW 280.15

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

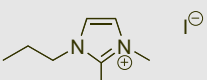


m.p.: 85 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1,2-Dimethyl-3-propylimidazolium iodide, >98%

IL-0049-HP [218151-78-1] C₈H₁₅IN₂ MW 266.12

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

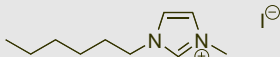


m.p.: 94 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexyl-3-methylimidazolium iodide, >98%

IL-0026-HP [178631-05-5] C₁₀H₁₉IN₂ MW 294.18

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: <RT η (25 °C): 1730 cP σ (25 °C): 0.25 mS/cm ρ (25 °C): ~ g/cm³

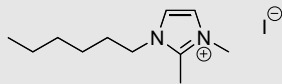
IMIDAZOLIUM-BASED IODIDES

Products and prices 2024



1-Hexyl-2,3-dimethylimidazolium iodide, >98%

IL-0138-HP [288627-94-1] $C_{11}H_{21}IN_2$ MW 308.07

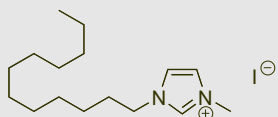


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 79 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Dodecyl-3-methylimidazolium iodide, >98%

IL-0136-HP [81995-09-7] $C_{16}H_{31}IN_2$ MW 378.34



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 40 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED SULFATES, SULFONATES, PHOSPHATES

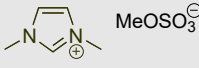
Products and prices 2024



1,3-Dimethylimidazolium methyl sulfate, 98%

IL-0243-HP [97345-90-9] C₆H₁₂N₂O₄S MW 208.24

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

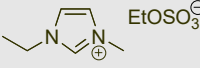


m.p.: <RT η (25 °C): 70.0 cP σ (30 °C): 4.02 mS/cm ρ (26 °C): 1.32 g/cm³

1-Ethyl-2,3-methylimidazolium ethyl sulfate, 99%

IL-0207-HP [---] C₉H₁₈N₂O₄S MW 615.74

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

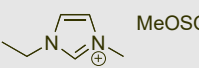


m.p.: <RT η (25 °C): 94.2 cP σ (30 °C): 5.56 mS/cm ρ (24 °C): 1.24 g/cm³

1-Ethyl-3-methylimidazolium methyl sulfate, 98%

IL-0112-HP [516474-01-4] C₇H₁₄N₂O₄S MW 222.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

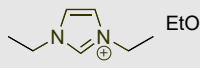


m.p.: <RT η (25 °C): 64.0 cP σ (25 °C): ~ mS/cm ρ (26 °C): 1.28 g/cm³

1,3-Diethylimidazolium ethyl sulfate, 98%

IL-0244-HP [516474-04-7] C₉H₁₈N₂O₄S MW 250.32

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

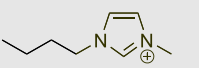


m.p.: <RT η (25 °C): 94.2 cP σ (25 °C): ~ mS/cm ρ (22 °C): 1.21 g/cm³

1-Butyl-3-methylimidazolium methyl sulfate, 98%

IL-0195-HP [401788-98-5] C₉H₁₈N₂O₄S MW 250.32

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

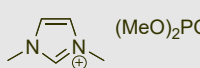


m.p.: <RT η (25 °C): 163 cP σ (30 °C): 2.20 mS/cm ρ (21 °C): 1.22 g/cm³

1,3-Dimethylimidazolium dimethyl phosphate, >98%

IL-0053-HP [654058-04-5] C₇H₁₅N₂O₄P MW 222.18

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

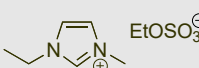


m.p.: <RT η (25 °C): 437 cP σ (30 °C): 0.84 mS/cm ρ (24 °C): 1.15 g/cm³

1-Ethyl-3-methylimidazolium ethyl sulfate, 98%

IL-0033-HP [342573-75-5] C₈H₁₆N₂O₄S MW 236.29

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

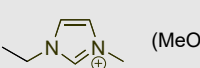


m.p.: <RT η (25 °C): 94.2 cP σ (30 °C): 5.56 mS/cm ρ (24 °C): 1.24 g/cm³

1-Ethyl-3-methylimidazolium dimethyl phosphate, >98%

IL-0220-HP [945611-27-8] C₉H₁₉N₂O₃P MW 236.21

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: 23 °C η (25 °C): ~ cP σ (30 °C): 1.86 mS/cm ρ (22 °C): 1.22 g/cm³

IMIDAZOLIUM-BASED SULFATES, SULFONATES, PHOSPHATES

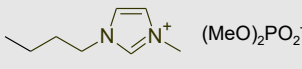
Products and prices 2024



1-Butyl-3-methylimidazolium dimethyl phosphate, >98%

IL-0257-HP [891772-94-4] C₁₀H₂₁N₂O₄P MW 264.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

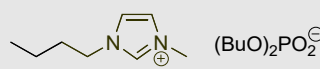


m.p.: <RT η (25 °C): 534 cP σ (30 °C): 0.56 mS/cm ρ (20 °C): 1.16 g/cm³

1-Butyl-3-methylimidazolium dibutylphosphate, 97%

IL-0324-HP [663199-28-8] C₁₆H₃₃N₂O₄P MW 348.42

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

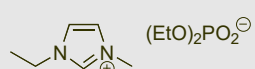


m.p.: <RT η (25 °C): 1539 cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium diethyl phosphate, >98%

IL-0052-HP [848641-69-0] C₁₀H₂₁N₂O₄P MW 264.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

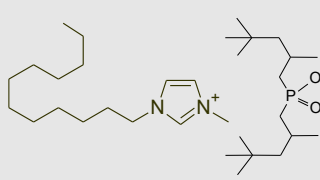


m.p.: <RT η (25 °C): ~ cP σ (30 °C): 0.84 mS/cm ρ (25 °C): ~ g/cm³

1-Dodecyl-3-methylimidazolium bis(2,4,4-trimethylpentyl)phosphinate, 98%

IL-0334-HP [---] C₃₂H₆₅N₂O₂P MW 540.84

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request




m.p.: ~RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1,3-Diethylimidazolium diethyl phosphate, >98%

IL-0245-HP [945406-32-6] C₁₁H₂₃N₂O₄P MW 278.29

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

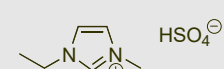


m.p.: <RT η (25 °C): 280 cP σ (30 °C): 0.97 mS/cm ρ (24 °C): 1.12 g/cm³

1-Ethyl-3-methylimidazolium hydrogen sulfate, 98%

IL-0091-HP [412009-61-1] C₆H₁₂N₂O₄S MW 208.24

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

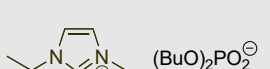


m.p.: <RT η (25 °C): 1510 cP σ (20 °C): 0.50 mS/cm ρ (28 °C): 1.36 g/cm³

1-Ethyl-3-methylimidazolium dibutylphosphate, 97%

IL-0323-HP [869858-84-4] C₁₄H₂₉N₂O₄P MW 320.36

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request




m.p.: <RT η (25 °C): 691 cP σ (25 °C): 0.25 mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium hydrogen sulfate, 98%

IL-0060-HP [262297-13-2] C₈H₁₆N₂O₄S MW 236.29

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: <RT η (25 °C): 3088 cP σ (25 °C): ~ mS/cm ρ (30 °C): 1.28 g/cm³

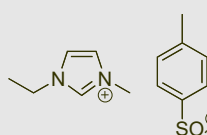
IMIDAZOLIUM-BASED SULFATES, SULFONATES, PHOSPHATES

Products and prices 2024

1-Ethyl-3-methylimidazolium tosylate, 99%

IL-0008-HP [328090-25-1] C₁₃H₁₈N₂O₃S MW 282.36

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

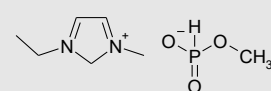


m.p.: 54 °C η (20 °C): 5214 cP σ (20 °C): 0.19 mS/cm ρ (20 °C): 1.23 g/cm³

1-Ethyl-3-methylimidazolium methylphosphonate, > 98%

IL-0352-HP [81994-80-1] C₇H₁₅N₂O₃P MW 206.17

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

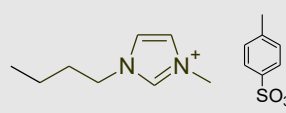


m.p.: -42 °C η (25 °C): 133.1 cP σ (25 °C): 2.36 mS/cm ρ (25 °C): 1.24 g/cm³

1-Butyl-3-methylimidazolium tosylate, 99%

IL-0028-HP [410522-18-8] C₁₅H₂₂N₂O₃S MW 310.41

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

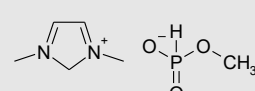


m.p.: 40-45 °C η (20 °C): ~ cP σ (20 °C): ~ mS/cm ρ (20 °C): ~ g/cm³

1,3-Dimethylimidazolium methylphosphonate, > 98%

IL-0358-HP [...] C₆H₁₃N₂O₃P MW 192.12

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

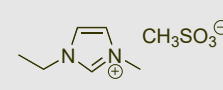


m.p.: 41 °C η (25 °C): 146.2 cP σ (25 °C): 2.50 mS/cm ρ (25 °C): 1.29 g/cm³

1-Ethyl-3-methylimidazolium methanesulfonate, 99%

IL-0004-HP [145022-45-3] C₇H₁₄N₂O₃S MW 206.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

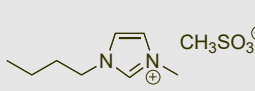


m.p.: <RT η (25 °C): 135 cP σ (30 °C): 3.69 mS/cm ρ (23 °C): 1.24 g/cm³

1-Butyl-3-methylimidazolium methanesulfonate, 98%

IL-0061-HP [342789-81-5] C₉H₁₈N₂O₃S MW 234.32

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: 73 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

IMIDAZOLIUM-BASED THIOCYANATES, DICYANAMIDES

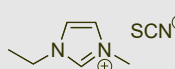
Products and prices 2024



1-Ethyl-3-methylimidazolium thiocyanate, >98%

IL-0007-HP [331717-63-6] C₇H₁₁N₃S MW 169.25

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

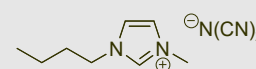


m.p.: -6 °C η (20 °C): 24.7 cP σ (20 °C): 17.8 mS/cm ρ (25 °C): 1.12 g/cm³

1-Butyl-3-methylimidazolium dicyanamide, >98%

IL-0010-HP [448245-52-1] C₁₀H₁₅N₅ MW 205.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

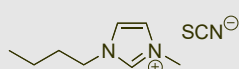


m.p.: <RT η (20 °C): 33.4 cP σ (20 °C): 9.54 mS/cm ρ (30 °C): 1.06 g/cm³

1-Butyl-3-methylimidazolium thiocyanate, >98%

IL-0063-HP [344790-87-0] C₉H₁₅N₃S MW 197.30

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

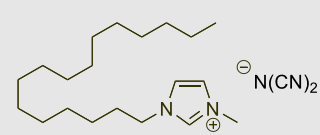


m.p.: <RT η (25 °C): 35.9 cP σ (30 °C): 8.98 mS/cm ρ (30 °C): 1.07 g/cm³

1-Hexadecyl-3-methylimidazolium dicyanamide, >98%

IL-0336-HP [---] C₂₂H₃₉N₅ MW 373.32

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

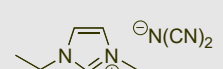


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium dicyanamide, >98%

IL-0003-HP [370865-89-7] C₈H₁₁N₅ MW 177.21

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

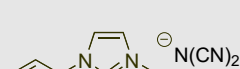


m.p.: -21 °C η (25 °C): 14.6 cP σ (30 °C): 17.7 mS/cm ρ (26 °C): 1.10 g/cm³

1-Allyl-3-methylimidazolium dicyanamide, >98%

IL-0240-HP [917956-73-1] C₉H₁₁N₅ MW 189.22

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

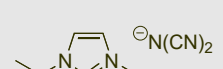


m.p.: <RT η (25 °C): 17.6 cP σ (30 °C): 17.0 mS/cm ρ (24 °C): 1.11 g/cm³

1-Ethyl-3-methylimidazolium dicyanamide, >99%

IL-0003-UP [370865-89-7] C₈H₁₁N₅ MW 177.21

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

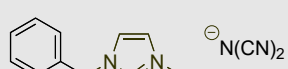


m.p.: -21 °C η (25 °C): 14.6 cP σ (30 °C): 17.7 mS/cm ρ (26 °C): 1.10 g/cm³

1-Benzyl-3-methylimidazolium dicyanamide, >98%

IL-0242-HP [958445-60-8] C₁₃H₁₃N₅ MW 239.28

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: <RT η (25 °C): 78.5 cP σ (30 °C): 2.95 mS/cm ρ (24 °C): 1.16 g/cm³

IMIDAZOLIUM-BASED TRICYANOMETHANIDES

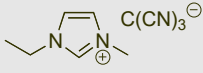
Products and prices 2024



1-Ethyl-3-methylimidazolium tricyanomethanide, 98%

IL-0316-HP [666823-18-3] C₁₀H₁₁N₅ MW 201.23

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

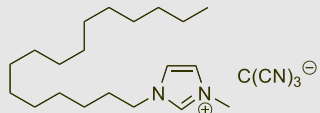


m.p.: <RT η (25 °C): 14.3 cP σ (30 °C): 21.3 mS/cm ρ (24 °C): 1.08 g/cm³

1-Hexadecyl-3-methylimidazolium tricyanomethanide, >98%

IL-0337-HP [---] C₂₄H₃₉N₅ MW 397.60

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

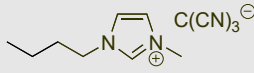


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium tricyanomethanide, 98%

IL-0317-HP [878027-73-7] C₁₂H₁₅N₅ MW 229.28

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

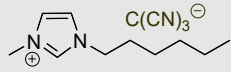


m.p.: <RT η (25 °C): 25.7 cP σ (30 °C): 8.83 mS/cm ρ (25 °C): ~ g/cm³

1-Hexyl-3-methylimidazolium tricyanomethanide, 98%

IL-0331-HP [1365535-17-6] C₁₄H₁₉N₅ MW 257.33

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

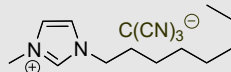


m.p.: <RT η (25 °C): 39.2 cP σ (25 °C): ~ mS/cm ρ (24 °C): 1.02 g/cm³

1-Methyl-3-octylimidazolium tricyanomethanide, 98%

IL-0332-HP [1203710-60-4] C₁₆H₂₃N₅ MW 285.39

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (24 °C): ~ g/cm³

IMIDAZOLIUM-BASED ACETATES, ALKANOATES, TRIFLUOROACETATES

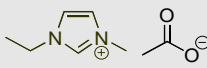
Products and prices 2024



1-Ethyl-3-methylimidazolium acetate, >95%

IL-0189-TG [143314-17-4] C₈H₁₄N₂O₂ MW 170.21

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

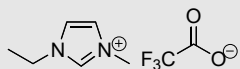


m.p.: -45 °C η (25 °C): 93.0 cP σ (25 °C): 2.50 mS/cm ρ (25 °C): 1.10 g/cm³

1-Ethyl-3-methylimidazolium trifluoroacetate, >97%

IL-0027-SG [174899-65-1] C₈H₁₁F₃N₂O₂ MW 224.18

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

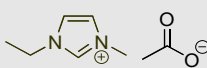


m.p.: -14 °C η (25 °C): 28.7 cP σ (25 °C): ~ mS/cm ρ (25 °C): 1.31 g/cm³

1-Ethyl-3-methylimidazolium acetate, >98%

IL-0189-HP [143314-17-4] C₈H₁₄N₂O₂ MW 170.21

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

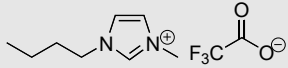


m.p.: -45 °C η (25 °C): 93.0 cP σ (25 °C): 2.50 mS/cm ρ (25 °C): 1.10 g/cm³

1-Butyl-3-methylimidazolium trifluoroacetate, >97%

IL-0260-SG [174899-94-6] C₁₀H₁₅F₃N₂O₂ MW 252.11

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

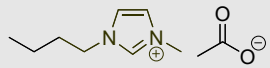


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium acetate, >98%

IL-0315-HP [284049-75-8] C₁₀H₁₈N₂O₂ MW 198.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

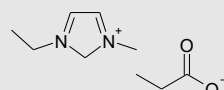


m.p.: <RT η (25 °C): 208 cP σ (30 °C): 1.44 mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium propionate, 98%

IL-0356-HP [865627-64-1] C₉H₁₆N₂O₂ MW 184.24

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

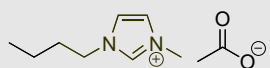


m.p.: ~ RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium acetate, >95%

IL-0315-TG [284049-75-8] C₁₀H₁₈N₂O₂ MW 198.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

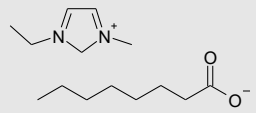


m.p.: <RT η (25 °C): 208 cP σ (30 °C): 1.44 mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium octanoate, 98%

IL-0357-HP [1154003-55-0] C₁₄H₂₆N₂O₂ MW 254.38

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: -42 °C η (25 °C): 799.1 cP σ (25 °C): 205 μS/cm ρ (25 °C): 1.04 g/cm³

IMIDAZOLIUM-BASED NITRATES, TETRACHLOROFERRATES, TETRATHIOCYANATOCOBALTATES

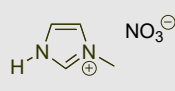
Products and prices 2024



1-Methylimidazolium nitrate, 98%

IL-0264-SG [156204-43-2] C₄H₇N₃O₃ MW 145.12

	25 g	on request
	50 g	on request
	100 g	on request
	1 kg	on request
	5 kg	on request

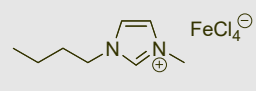


m.p.: 66 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium tetrachloroferrate(III), >97%

IL-0047-SG [359845-21-9] C₈H₁₅Cl₄FeN₂ MW 336.87

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

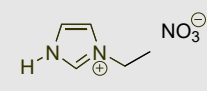


m.p.: <RT η (25 °C): 43.4 cP σ (25 °C): 4.37 mS/cm ρ (25 °C): 1.37 g/cm³

1-Ethylimidazolium nitrate, 98%

IL-0272-SG [501693-38-5] C₅H₉N₃O₃ MW 159.14

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

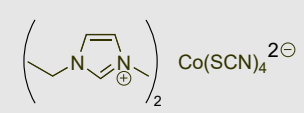


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Bis(1-ethyl-3-methylimidazolium) tetrathiocyanatocobaltate, >99%

IL-0309-HP [1255925-80-4] C₁₆H₂₂CoN₈S₄ MW 513.59

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

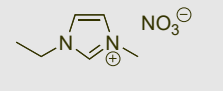


m.p.: <RT η (25 °C): 123 cP σ (30 °C): 5.34 mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylimidazolium nitrate, >98%

IL-0005-HP [143314-14-1] C₆H₁₁N₃O₃ MW 173.17

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

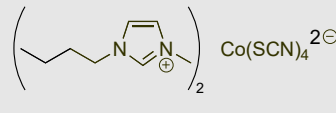


m.p.: 38 °C η (45 °C): 21.3 cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Bis(1-butyl-3-methylimidazolium) tetrathiocyanatocobaltate, >99%

IL-0310-HP [1245942-47-5] C₂₀H₃₀CoN₈S₄ MW 569.70

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

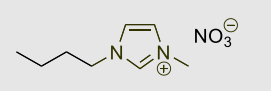


m.p.: <RT η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylimidazolium nitrate, >98%

IL-0201-HP [179075-88-8] C₈H₁₅N₃O₃ MW 201.22

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request



m.p.: 35 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): 1.16 g/cm³

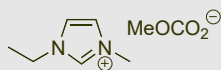
IMIDAZOLIUM-BASED METHYLCARBONATES

Products and prices 2024



1-Ethyl-3-methylimidazolium methylcarbonate, >97%, ~30% in MeOH

IN-0027-SG [251102-25-7] C₈H₁₄N₂O₃ MW 186.10

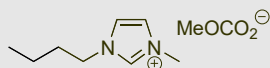


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

Produced by BASF.

1-Butyl-3-methylimidazolium methylcarbonate, >97%, ~30% in MeOH

IN-0028-SG [916850-37-8] C₁₀H₁₈N₂O₃ MW 214.13



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

Produced by BASF.

PIPERIDINIUM-BASED IONIC LIQUIDS

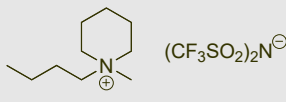


Products and prices 2024

1-Butyl-1-methylpiperidinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0154-HP [623580-02-9] C₁₂H₂₂F₆N₂O₄S₂ MW 436.44

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

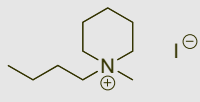


m.p.: <RT η (25 °C): 173 cP σ (25 °C): 0.84 mS/cm ρ (23 °C): 1.38 g/cm³

1-Butyl-1-methylpiperidinium iodide, >98%

IL-0169-HP [37971-78-1] C₁₀H₂₂IN MW 283.19

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

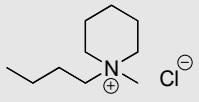


m.p.: 192 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpiperidinium chloride, 99%

IL-0155-HP [845790-13-8] C₁₀H₂₂ClN MW 191.74

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

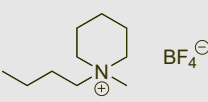


m.p.: >230 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpiperidinium tetrafluoroborate, 99%

IL-0152-HP [886439-34-5] C₁₀H₂₂BF₄N MW 243.09

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

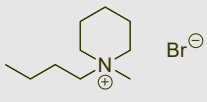


m.p.: 149 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpiperidinium bromide, 99%

IL-0153-HP [94280-72-5] C₁₀H₂₂BrN MW 236.19

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

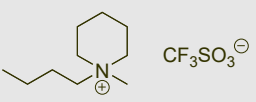


m.p.: 231 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpiperidinium trifluoromethanesulfonate, 99%

IL-0174-HP [1357500-93-6] C₁₁H₂₂F₃NO₃S MW 305.36

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

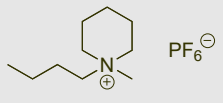


m.p.: 38 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpiperidinium hexafluorophosphate, 99%

IL-0156-HP [1257647-66-7] C₁₀H₂₂F₆NP MW 301.25

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

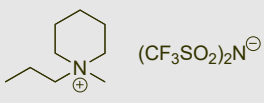


m.p.: 81 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpiperidinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0045-HP [608140-12-1] C₁₁H₂₀F₆N₂O₄S₂ MW 422.41

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: <RT η (25 °C): 176 cP σ (30 °C): 2.12 mS/cm ρ (23 °C): 1.41 g/cm³

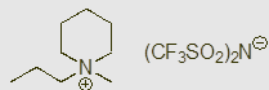
PIPERIDINIUM-BASED IONIC LIQUIDS



Products and prices 2024

1-Methyl-1-propylpiperidinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0045-UP [608140-12-1] C₁₁H₂₀F₆N₂O₄S₂ MW 422.41

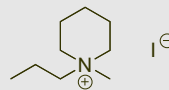


25 g on request
50 g on request
500 g on request
1 kg on request
5 kg on request
on request

m.p.: <RT η (25 °C): 176 cP σ (30 °C): 2.12 mS/cm ρ (23 °C): 1.41 g/cm³

1-Methyl-1-propylpiperidinium iodide, >98%

IL-0170-HP [17874-63-4] C₉H₂₀IN MW 269.17

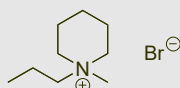


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 190 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpiperidinium bromide, 99%

IL-0090-HP [88840-42-0] C₉H₂₀BrN MW 222.17

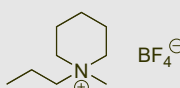


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 247 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpiperidinium tetrafluoroborate, 99%

IL-0150-HP [879866-95-2] C₉H₂₀BF₄N MW 229.07

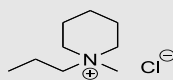


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 105 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpiperidinium chloride, >98%

IL-0151-HP [1383436-85-8] C₉H₂₀ClN MW 177,71

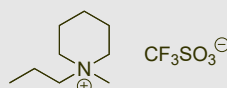


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >280 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpiperidinium trifluoromethanesulfonate, 99%

IL-0175-HP [1221445-34-6] C₁₀H₂₀F₃NO₃S MW 291.33

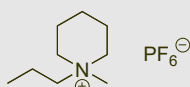


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 71 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpiperidinium hexafluorophosphate, 99%

IL-0149-HP [1426821-81-9] C₉H₂₀F₆NP MW 287.23



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 98 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

PYRIDINIUM-BASED BIS(TRIFLUOROMETHYLSULFONYL)IMIDES


Products and prices 2024



1-Ethylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0211-HP [712354-97-7] C₉H₁₀F₆N₂O₄S₂ MW 388.31

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

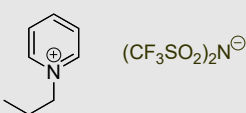


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Propylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0212-HP [1104525-90-7] C₁₀H₁₂F₆N₂O₄S₂ MW 402.33

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

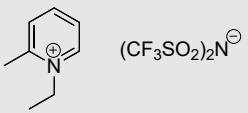


m.p.: 46 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-2-methylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0247-HP [712354-99-9] C₁₀H₁₂F₆N₂O₄S₂ MW 402.33

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

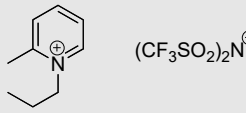


m.p.: <RT η (25 °C): 74.8 cP σ (30 °C): 3.71 mS/cm ρ (27 °C): 1.51 g/cm³

2-Methyl-1-propylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0248-HP [---] C₁₁H₁₄F₆N₂O₄S₂ MW 416.36

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

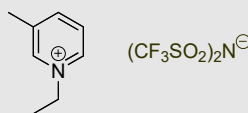


m.p.: <RT η (25 °C): 81.6 cP σ (30 °C): 3.00 mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0214-HP [841251-37-4] C₁₀H₁₂F₆N₂O₄S₂ MW 402.33

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

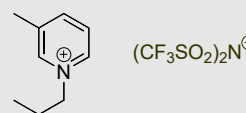


m.p.: <RT η (25 °C): 36.6 cP σ (30 °C): 7.47 mS/cm ρ (26 °C): 1.48 g/cm³

3-Methyl-1-propylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0215-HP [817575-06-7] C₁₁H₁₄F₆N₂O₄S₂ MW 416.36

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

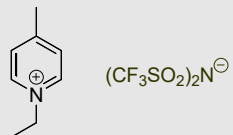


m.p.: <RT η (25 °C): 53.4 cP σ (30 °C): 7.47 mS/cm ρ (22 °C): 1.45 g/cm³

1-Ethyl-4-methylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0217-HP [712355-03-8] C₁₀H₁₂F₆N₂O₄S₂ MW 402.33

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

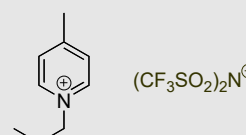


m.p.: <RT η (25 °C): 31.8 cP σ (25 °C): 3.42 mS/cm ρ (21 °C): 1.49 g/cm³

4-Methyl-1-propylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0218-HP [1456878-01-5] C₁₁H₁₄F₆N₂O₄S₂ MW 416.36

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: <RT η (25 °C): 51.0 cP σ (30 °C): 5.72 mS/cm ρ (22 °C): 1.45 g/cm³

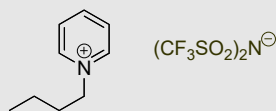
PYRIDINIUM-BASED BIS(TRIFLUOROMETHYLSULFONYL)IMIDES

Products and prices 2024



1-Butylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0213-HP [187863-42-9] C₁₁H₁₄F₆N₂O₄S₂ MW 416.36

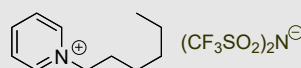


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 59.0 cP σ (25 °C): 1.54 mS/cm ρ (23 °C): 1.45 g/cm³

1-Hexylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0330-HP [460983-97-5] C₁₃H₁₈F₆N₂O₄S₂ MW 444.41

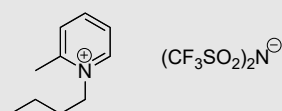


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 75.3 cP σ (30 °C): 2.30 mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-2-methylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0228-HP [384347-09-5] C₁₂H₁₆F₆N₂O₄S₂ MW 430.39

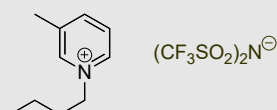


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 91.5 cP σ (25 °C): 1.03 mS/cm ρ (21 °C): 1.43 g/cm³

1-Butyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0216-HP [344790-86-9] C₁₂H₁₆F₆N₂O₄S₂ MW 430.39

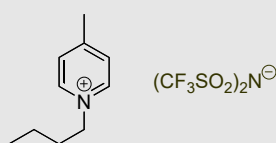


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 51.8 cP σ (25 °C): 2.51 mS/cm ρ (22 °C): 1.41 g/cm³

1-Butyl-4-methylpyridinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0219-HP [475681-62-0] C₁₂H₁₆F₆N₂O₄S₂ MW 430.39



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 10 °C η (25 °C): 53.8 cP σ (30 °C): 4.32 mS/cm ρ (22 °C): 1.41 g/cm³

PYRIDINIUM-BASED TRIFLATES

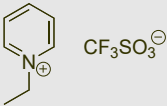
Products and prices 2024



1-Ethylpyridinium trifluoromethanesulfonate, 99%

IL-0186-HP [3878-80-6] C₈H₁₀F₃NO₃S MW 257.23

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

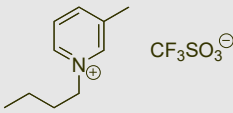


m.p.: <RT η (25 °C): 68.8 cP σ (24 °C): 4.34 mS/cm ρ (24 °C): 1.40 g/cm³

1-Butyl-3-methylpyridinium trifluoromethanesulfonate, 99%

IL-0179-HP [857841-32-8] C₁₁H₁₆F₃NO₃S MW 299.31

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

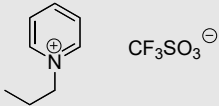


m.p.: <RT η (25 °C): 117 cP σ (30 °C): 2.35 mS/cm ρ (25 °C): 1.28 g/cm³

1-Propylpyridinium trifluoromethanesulfonate, 99%

IL-0250-HP [1242154-93-3] C₉H₁₂F₃NO₃S MW 271.26

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

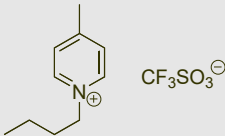


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-4-methylpyridinium trifluoromethanesulfonate, 99%

IL-0180-HP [882172-79-4] C₁₁H₁₆F₃NO₃S MW 299.31

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

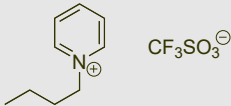


m.p.: <RT η (25 °C): 136 cP σ (30 °C): 2.41 mS/cm ρ (26 °C): 1.23 g/cm³

1-Butylpyridinium trifluoromethanesulfonate, 99%

IL-0182-HP [390423-43-5] C₁₀H₁₄F₃NO₃S MW 285.29

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

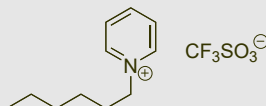


m.p.: 36 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexylpyridinium trifluoromethanesulfonate, 99%

IL-0181-HP [623167-81-7] C₁₂H₁₈F₃NO₃S MW 313.34

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

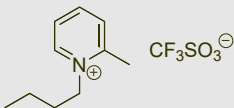


m.p.: 63 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-2-methylpyridinium trifluoromethanesulfonate, 99%

IL-0178-HP [1770850-20-8] C₁₁H₁₆F₃NO₃S MW 299.31

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



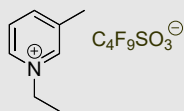
m.p.: <RT η (25 °C): 240 cP σ (30 °C): 1.47 mS/cm ρ (26 °C): 1.30 g/cm³

PYRIDINIUM-BASED PERFLUOROBUTANESULFONATES/TRICYANOMETHANIDES

Products and prices 2024

1-Ethyl-3-methylpyridinium perfluorobutanesulfonate, >99%

IL-0313-HP [1015420-87-7] C₁₂H₁₂F₉NO₃S MW 421.28

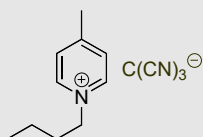


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 194 cP σ (30 °C): 1.52 mS/cm ρ (23 °C): 1.52 g/cm³

1-Butyl-4-methylpyridinium tricyanomethanide, 98%

IL-0319-HP [1312925-66-8] C₁₄H₁₆N₄ MW 240.30



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 32.5 cP σ (30 °C): 6.99 mS/cm ρ (25 °C): ~ g/cm³

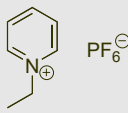
PYRIDINIUM-BASED HEXAFLUOROPHOSPHATES

Products and prices 2024



1-Ethylpyridinium hexafluorophosphate, 99%

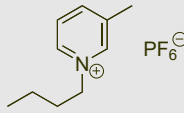
IL-0172-HP [103173-73-5] C₇H₁₀F₆NP MW 253.13

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

m.p.: 106 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylpyridinium hexafluorophosphate, 99%

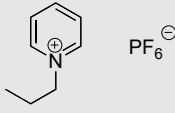
IL-0080-HP [845835-03-2] C₁₀H₁₆F₆NP MW 295.21

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

m.p.: 52 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Propylpyridinium hexafluorophosphate, 99%

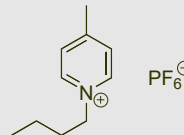
IL-0251-HP [1242154-97-7] C₈H₁₂F₆NP MW 267.15

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-4-methylpyridinium hexafluorophosphate, 99%

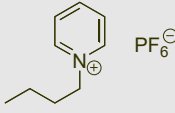
IL-0084-HP [401788-99-6] C₁₀H₁₆F₆NP MW 295.21

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

m.p.: 45-50 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butylpyridinium hexafluorophosphate, 99%

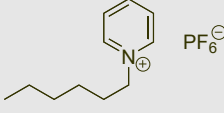
IL-0088-HP [186088-50-6] C₉H₁₄F₆NP MW 281.18

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

m.p.: 75-80 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexylpyridinium hexafluorophosphate, 99%

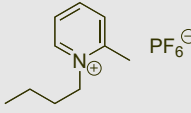
IL-0114-HP [797789-00-5] C₁₁H₁₈F₆NP MW 309.24

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

m.p.: 50 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-2-methylpyridinium hexafluorophosphate, 99%

IL-0127-HP [1268986-44-2] C₁₀H₁₆F₆NP MW 295.21

	25 g	on request
	50 g	on request
	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

m.p.: 52-53 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

PYRIDINIUM-BASED TETRAFLUOROBORATES

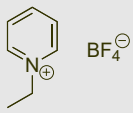
Products and prices 20243



1-Ethylpyridinium tetrafluoroborate, >98%

IL-0107-HP [350-48-1] C₇H₁₀BF₄N MW 194.97

25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

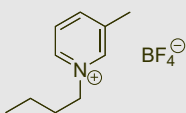


m.p.: 46 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylpyridinium tetrafluoroborate, 99%

IL-0081-HP [597581-48-1] C₁₀H₁₆BF₄N MW 237.05

25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

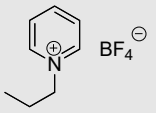


m.p.: <RT η (25 °C): 176 cP σ (23 °C): 1.41 mS/cm ρ (25 °C): 1.18 g/cm³

1-Propylpyridinium tetrafluoroborate, >98%

IL-0252-HP [239084-00-5] C₈H₁₂BF₄N MW 208.99

25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

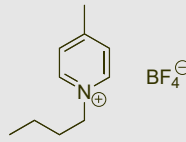


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-4-methylpyridinium tetrafluoroborate, 99%

IL-0085-HP [343952-33-0] C₁₀H₁₆BF₄N MW 237.05

25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

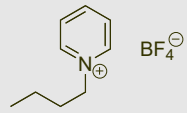


m.p.: <RT η (20 °C): 342 cP σ (30 °C): 3.18 mS/cm ρ (22 °C): 1.18 g/cm³

1-Butylpyridinium tetrafluoroborate, 99%

IL-0089-HP [203389-28-0] C₉H₁₄BF₄N MW 223.02

25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

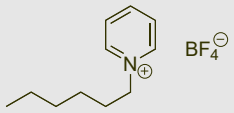


m.p.: <RT η (20 °C): 203 cP σ (23 °C): 1.94 mS/cm ρ (22 °C): 1.23 g/cm³

1-Hexylpyridinium tetrafluoroborate, 99%

IL-0108-HP [474368-70-2] C₁₁H₁₈NBF₄ MW 251.07

25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

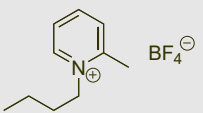


m.p.: <RT η (18 °C): 460 cP σ (30 °C): 0.90 mS/cm ρ (23 °C): 1.16 g/cm³

1-Butyl-2-methylpyridinium tetrafluoroborate, 99%

IL-0111-HP [286453-46-1] C₁₀H₁₆BF₄N MW 237.05

25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request



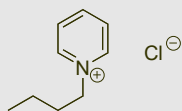
m.p.: <RT η (20 °C): 258 cP σ (23 °C): 1.83 mS/cm ρ (25 °C): 1.20 g/cm³

PYRIDINIUM-BASED CHLORIDES

Products and prices 2024

1-Butylpyridinium chloride, >98%

IL-0087-HP [1124-64-7] C₉H₁₄ClN MW 171.67

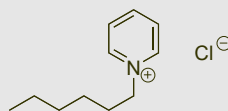


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 131 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexylpyridinium chloride, >98%

IL-0131-HP [6220-15-1] C₁₁H₁₈ClN MW 199.73

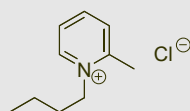


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 4322 cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-2-methylpyridinium chloride, >98%

IL-0129-HP [112400-85-8] C₁₀H₁₆ClN MW 185.69

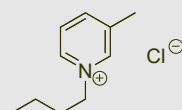


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 147 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylpyridinium chloride, >98%

IL-0079-HP [125652-55-3] C₁₀H₁₆ClN MW 185.69

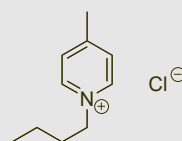


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 112 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-4-methylpyridinium chloride, >98%

IL-0083-HP [112400-86-9] C₁₀H₁₆ClN MW 185.69



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 162 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

PYRIDINIUM-BASED BROMIDES

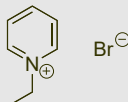
Products and prices 2024



1-Ethylpyridinium bromide, 99%

IL-0171-HP [1906-79-2] C₇H₁₀BrN MW 188.07

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

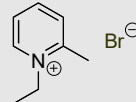


m.p.: 120 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-2-methylpyridinium bromide, >99%

IL-0225-HP [32353-50-7] C₈H₁₂BrN MW 202.09

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

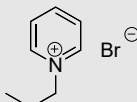


m.p.: 120 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Propylpyridinium bromide, 99%

IL-0224-HP [873-71-2] C₈H₁₂BrN MW 202.09

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

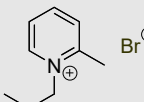


m.p.: 73 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Propyl-2-methylpyridinium bromide, >99%

IL-0221-HP [5411-09-6] C₉H₁₄BrN MW 216.12

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

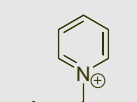


m.p.: 106 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butylpyridinium bromide, 99%

IL-0086-HP [874-80-6] C₉H₁₄BrN MW 216.12

5 g	on request
25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

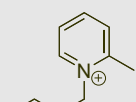


m.p.: 98 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-2-methylpyridinium bromide, 99%

IL-0128-HP [26576-84-1] C₁₀H₁₆BrN MW 230.15

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

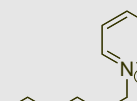


m.p.: 152 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexylpyridinium bromide, 99%

IL-0130-HP [74440-81-6] C₁₁H₁₈BrN MW 244.17

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

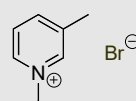


m.p.: 60-70 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-3-methylpyridinium bromide, >99%

IL-0226-HP [54778-76-6] C₈H₁₂BrN MW 202.09

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



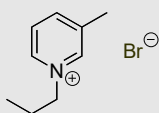
m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

PYRIDINIUM-BASED BROMIDES

Products and prices 2024

1-Propyl-3-methylpyridinium bromide, >99%

IL-0222-HP [67021-55-0] C₉H₁₄BrN MW 216.12

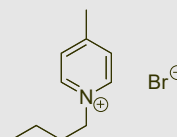


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 152 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-4-methylpyridinium bromide, 99%

IL-0082-HP [65350-59-6] C₁₀H₁₆BrN MW 230.15

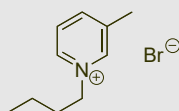


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 118 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylpyridinium bromide, 99%

IL-0078-HP [26576-85-2] C₁₀H₁₆BrN MW 230.15

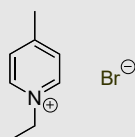


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 79 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-4-methylpyridinium bromide, >99%

IL-0227-HP [32353-49-4] C₈H₁₂BrN MW 202.09

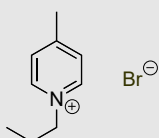


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 140 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Propyl-4-methylpyridinium bromide, >99%

IL-0223-HP [70850-58-7] C₉H₁₄BrN MW 216.12



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 55 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

PYRIDINIUM-BASED IODIDES

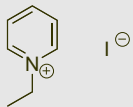
Products and prices 2024



1-Ethylpyridinium iodide, >98%

IL-0173-HP [872-90-2] C₇H₁₀IN MW 235.07

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

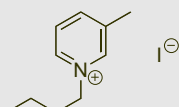


m.p.: 97 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-3-methylpyridinium iodide, >98%

IL-0184-HP [258273-67-5] C₁₀H₁₆NI MW 277.15

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

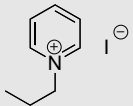


m.p.: <RT η (25 °C): 2632 cP σ (25 °C): ~ mS/cm ρ (26 °C): 1.45 g/cm³

1-Propylpyridinium iodide, >98%

IL-0253-HP [39868-02-5] C₈H₁₂IN MW 249.09

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

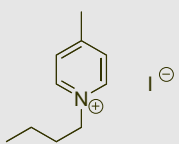


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-4-methylpyridinium iodide, >98%

IL-0185-HP [32353-64-3] C₁₀H₁₆NI MW 277.15

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

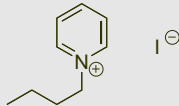


m.p.: 60 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butylpyridinium iodide, >98%

IL-0176-HP [874-81-7] C₉H₁₄IN MW 263.12

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

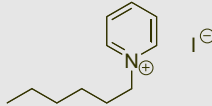


m.p.: 74 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexylpyridinium iodide, >98%

IL-0177-HP [7324-00-7] C₁₁H₁₈IN MW 291.17

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

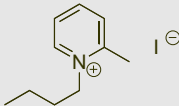


m.p.: 59 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-2-methylpyridinium iodide, >98%

IL-0183-HP [13311-31-4] C₁₀H₁₆NI MW 277.15

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: 114 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

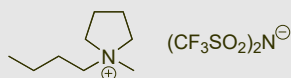
PYRROLIDINIUM-BASED IONIC LIQUIDS



Products and prices 2024

1-Butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99.5%

IL-0035-OG [223437-11-4] C₁₁H₂₀F₆N₂O₄S₂ MW 422.41

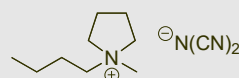


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: -18 °C η (25 °C): 72.1 cP σ (30 °C): 2.12 mS/cm ρ (23 °C): 1.40 g/cm³

1-Butyl-1-methylpyrrolidinium dicyanamide, >98%

IL-0041-HP [370865-80-8] C₁₁H₂₀N₄ MW 208.30

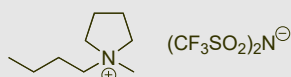


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 35.2 cP σ (30 °C): 10.8 mS/cm ρ (20 °C): 1.02 g/cm³

1-Butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99.5%

IL-0035-UP [223437-11-4] C₁₁H₂₀F₆N₂O₄S₂ MW 422.41

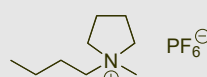


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: -18 °C η (25 °C): 72.1 cP σ (30 °C): 2.12 mS/cm ρ (23 °C): 1.40 g/cm³

1-Butyl-1-methylpyrrolidinium hexafluorophosphate, 99%

IL-0076-HP [330671-29-9] C₉H₂₀F₆NP MW 287.23

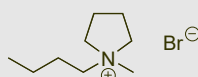


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 87 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpyrrolidinium bromide, 99%

IL-0074-HP [93457-69-3] C₉H₂₀BrN MW 222.17

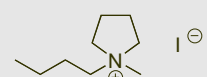


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 216 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpyrrolidinium iodide, >98%

IL-0050-HP [56511-17-2] C₉H₂₀I N MW 269.17

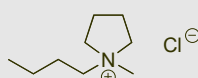


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 189 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpyrrolidinium chloride, 99%

IL-0075-HP [479500-35-1] C₉H₂₀ClN MW 177.72

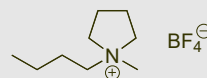


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 198 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpyrrolidinium tetrafluoroborate, 99%

IL-0077-HP [345984-11-4] C₉H₂₀BF₄N MW 229.07



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 155 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

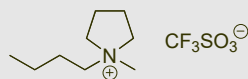
PYRROLIDINIUM-BASED IONIC LIQUIDS



Products and prices 2024

1-Butyl-1-methylpyrrolidinium trifluoromethanesulfonate, 99%

IL-0113-HP [367522-96-1] C₁₀H₂₀F₃NO₃S MW 291.33

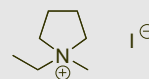


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: <RT η (25 °C): 148 cP σ (24 °C): 1.85 mS/cm ρ (27 °C): 1.26 g/cm³

1-Ethyl-1-methylpyrrolidinium iodide, >98%

IL-0164-HP [4186-68-9] C₇H₁₆IN MW 241.11

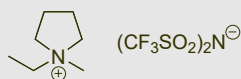


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >300 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0167-HP [223436-99-5] C₉H₁₆F₆N₂O₄S₂ MW 394.36

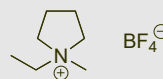


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 91 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-1-methylpyrrolidinium tetrafluoroborate, >98%

IL-0165-HP [117947-85-0] C₇H₁₆BF₄N MW 201.01

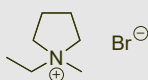


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 292 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-1-methylpyrrolidinium bromide, 99%

IL-0163-HP [69227-51-6] C₇H₁₆BrN MW 194.11

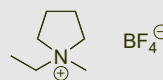


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >260 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-1-methylpyrrolidinium tetrafluoroborate, >99%

IL-0165-UP [117947-85-0] C₇H₁₆BF₄N MW 201.01

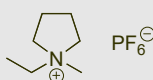


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 292 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-1-methylpyrrolidinium hexafluorophosphate, 99%

IL-0166-HP [121057-90-7] C₇H₁₆F₆NP MW 259.17

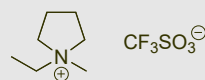


25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: >270 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Ethyl-1-methylpyrrolidinium trifluoromethanesulfonate, 99%

IL-0168-HP [893443-18-0] C₈H₁₆F₃NO₃S MW 263.28



25 g on request
50 g on request
100 g on request
250 g on request
500 g on request
1 kg on request
5 kg on request

m.p.: 107 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

PYRROLIDINIUM-BASED IONIC LIQUIDS

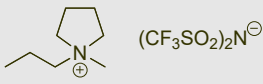


Products and prices 2024

1-Methyl-1-propylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99.5%

IL-0044-OG [223437-05-6] C₁₀H₁₈F₆N₂O₄S₂ MW 408.38

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

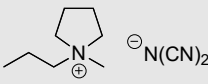


m.p.: <RT η (25 °C): 58.7 cP σ (30 °C): 4.92 mS/cm ρ (29 °C): 1.43 g/cm³

1-Methyl-1-propylpyrrolidinium dicyanamide, >98%

IL-0249-HP [327022-60-6] C₁₀H₁₈N₄ MW 194.28

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

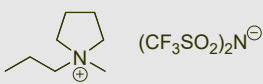


m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99.5%

IL-0044-UP [223437-05-6] C₁₀H₁₈F₆N₂O₄S₂ MW 408.38

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

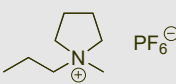


m.p.: <RT η (25 °C): 58.7 cP σ (30 °C): 4.92 mS/cm ρ (29 °C): 1.43 g/cm³

1-Methyl-1-propylpyrrolidinium hexafluorophosphate, 99%

IL-0148-HP [327022-58-2] C₈H₁₈F₆NP MW 273.20

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

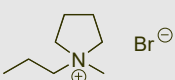


m.p.: 112 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpyrrolidinium bromide, 99%

IL-0145-HP [608140-09-6] C₈H₁₈BrN MW 208.14

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

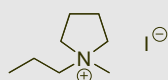


m.p.: 210 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpyrrolidinium iodide, >98%

IL-0161-HP [56511-19-4] C₈H₁₈IN MW 255.14

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

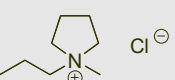


m.p.: 120 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpyrrolidinium chloride, >98%

IL-0146-HP [528818-82-8] C₈H₁₈ClN MW 163.69

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

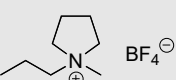


m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-propylpyrrolidinium tetrafluoroborate, >98%

IL-0147-HP [327022-59-3] C₈H₁₈BF₄N MW 215,04

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request



m.p.: 55 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

PYRROLIDINIUM-BASED IONIC LIQUIDS

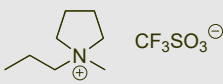


Products and prices 2024

1-Methyl-1-propylpyrrolidinium trifluoromethanesulfonate, 99%

IL-0162-HP [1224852-54-3] C₉H₁₈F₃NO₃S MW 277.31

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

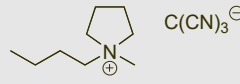


m.p.: 76 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Butyl-1-methylpyrrolidinium tricyanomethanide, 98%

IL-0318-HP [878027-72-6] C₁₃H₂₀N₄ MW 232.32

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

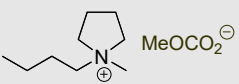


m.p.: <RT η (25 °C): 26.9 cP σ (30 °C): 7.74 mS/cm ρ (22 °C): 101 g/cm³

1-Butyl-1-methylpyrrolidinium methylcarbonate, >97%, ~50% in MeOH

IN-0029-SG [---] C₁₁H₂₃NO₃ MW 217.17

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

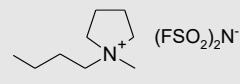


Produced by Proionic GmbH.

1-Butyl-1-methylpyrrolidinium bis(fluorosulfonyl)imide, >98%

IL-0343-HP [1057745-51-3] C₉H₂₀F₂N₃O₄S₂ MW 322.39

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

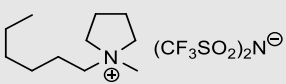


m.p.: ~ °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Hexyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0092-HP [380497-19-8] C₁₃H₂₄F₆N₂O₄S₂ MW 50.46

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

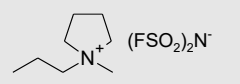


m.p.: <RT η (25 °C): 108 cP σ (30 °C): 1.48 mS/cm ρ (25 °C): 1.34 g/cm³

1-Propyl-1-methylpyrrolidinium bis(fluorosulfonyl)imide, >98%

IL-0344-HP [852620-97-4] C₈H₁₈F₂N₃O₄S₂ MW 308.37

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

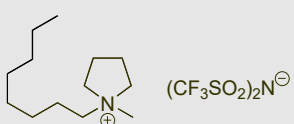


m.p.: ~ °C η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

1-Methyl-1-octylpyrrolidinium bis(trifluoromethylsulfonyl)imide, 99%

IL-0121-HP [927021-43-0] C₁₅H₂₈F₆N₂O₄S₂ MW 478.52

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

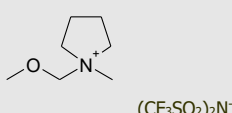


m.p.: <RT η (20 °C): 168 cP σ (30 °C): 1.27 mS/cm ρ (25 °C): 1.45 g/cm³

1-(2-Methoxyethyl)-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide, >98%

IL-0359-HP [757240-24-7] C₁₀H₁₈N₂O₅S₂F₆ MW 424.38

25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

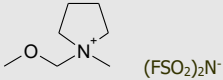


m.p.: -55 °C η (25 °C): 55.1 cP σ (30 °C): 2.50 mS/cm ρ (25 °C): 1.44 g/cm³

PYRROLIDINIUM-BASED IONIC LIQUIDS

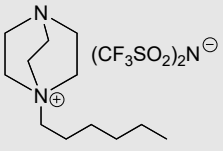


Products and prices 2024

1-(2-Methoxyethyl)-1-methylpyrrolidinium bis(fluorosulfonyl)imide, >98%			
IL-0360-HP	[1235234-47-5]	C ₈ H ₁₈ N ₂ O ₅ S ₂ F ₂	MW 324.37
	25 g	on request	
	50 g	on request	
	100 g	on request	
	250 g	on request	
	500 g	on request	
	1 kg	on request	
	5 kg	on request	
m.p.: 8°C η (25 °C): 42.4 cP σ (30 °C): 4.60 mS/cm ρ (25 °C): 1.42 g/cm ³			

DABCO-BASED IONIC LIQUIDS

Products and prices 2024

1-Hexyl-1,4-diaza[2.2.2]bicyclooctanium bis(trifluoromethylsulfonyl)imide, >99%			
IL-0314-HP	[898256-50-3]	C ₁₄ H ₂₅ F ₆ N ₃ O ₄ S ₂	MW 477.49
	25 g	on request	
	50 g	on request	
	100 g	on request	
	250 g	on request	
	500 g	on request	
	1 kg	on request	
5 kg	on request		
m.p.: >RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm ³			

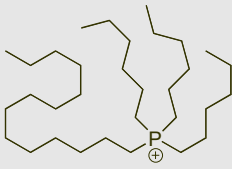
PHOSPHONIUM-BASED IONIC LIQUIDS



Products and prices 2024

Trihexyltetradecylphosphonium bis(trifluoromethylsulfonyl)imide, >98%

IN-0021-HP [460092-03-9] C₃₄H₆₈F₆NO₄PS₂ MW 763.24

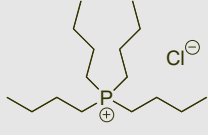


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: -72 °C η (25 °C): 304 cP σ (30 °C): 0.14 mS/cm ρ (25 °C): 1.07 g/cm³

Tetrabutylphosphonium bromide, >95%, 75% in water

IN-0014-LQ [3115-68-2] C₁₆H₃₆BrP MW 339.34

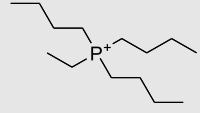


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~ °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Ethyltributylphosphonium diethyl phosphate, >95%

IN-0018-TG [20445-94-7] C₁₈H₄₂O₄P₂ MW 384.47

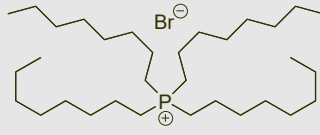


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 481 cP σ (30 °C): 0.27 mS/cm ρ (25 °C): 1.01 g/cm³

Tetraoctylphosphonium bromide, >95%

IN-0016-TG [23906-97-0] C₃₂H₆₈BrP MW 563.76

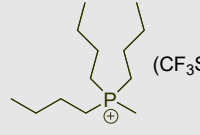


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Tributylmethylphosphonium bis(trifluoromethylsulfonyl)imide, >98%

IN-0037-HP [324575-10-2] C₁₅H₃₀F₆NO₄PS₂ MW 497.50

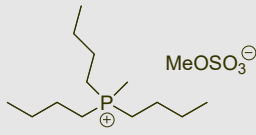


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Tributylmethylphosphonium methyl sulfate, >95%

IN-0013-TG [69056-62-8] C₁₄H₃₃O₄PS MW 328.45

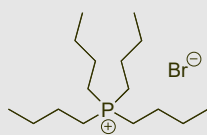


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 34 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Tetrabutylphosphonium bromide, >95%

IN-0014-TG [3115-68-2] C₁₆H₃₆BrP MW 339.34

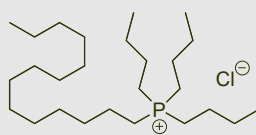


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 40 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Tributyltetradecylphosphonium chloride, >95% (50% solution in water)

IN-0017-SG [81741-28-8] C₂₆H₅₆ClP MW 435.15



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

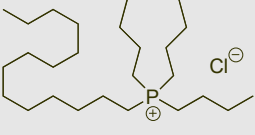
PHOSPHONIUM-BASED IONIC LIQUIDS



Products and prices 2024

Tributyltetradecylphosphonium chloride, >95%

IN-0017-TG [81741-28-8] C₂₆H₅₆ClP MW 435.15

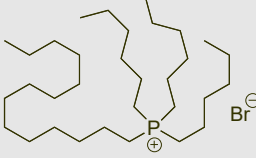


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 42-43 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Trihexyltetradecylphosphonium bromide, >95%

IN-0007-TG [654057-97-3] C₃₂H₆₈BrP MW 563.76

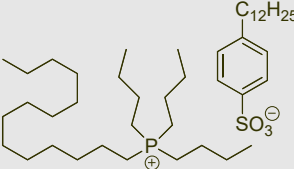


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): ~ cP σ (30 °C): ~ mS/cm ρ (23 °C): ~ g/cm³

Tributyltetradecylphosphonium dodecylbenzenesulfonate, >95%

IN-0019-TG [817629-57-5] C₄₄H₈₅O₃PS MW 725.18

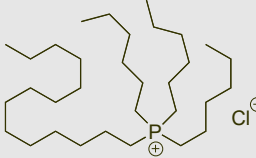


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 3621 cP σ (30 °C): 4.89 mS/cm ρ (25 °C): ~ g/cm³

Trihexyltetradecylphosphonium chloride, >95%

IN-0006-TG [258864-54-9] C₃₂H₆₈ClP MW 519.31




25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 1631 cP σ (25 °C): 4.63 mS/cm ρ (25 °C): 0.88 g/cm³

Trihexyltetradecylphosphonium bis(2,4,4-trimethylpentyl)phosphinate, >90%

IN-0009-TG [465527-58-6] C₄₈H₁₀₂O₂P₂ MW 773.27

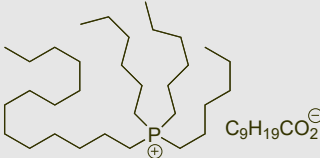


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 1198 cP σ (30 °C): 0.01 mS/cm ρ (25 °C): 0.89 g/cm³

Trihexyltetradecylphosphonium decanoate, >95%

IN-0008-TG [465527-65-5] C₄₂H₈₇O₂P MW 655.11

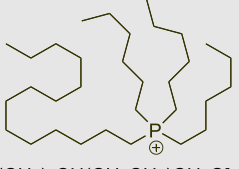


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~RT η (25 °C): 319 cP σ (30 °C): 0.04 mS/cm ρ (25 °C): 0.89 g/cm³

Trihexyltetradecylphosphonium bis(2-ethylhexyl)phosphate, >98%

IN-0036-HP [1092655-30-5] C₄₈H₁₀₂O₄P₂ MW 805.27



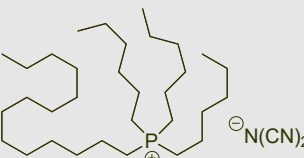
25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

[CH₃(CH₂)₃CH(CH₂CH₃)CH₂O]₂PO₂[⊖]

m.p.: <RT η (25 °C): 1120 cP σ (30 °C): 0.002 mS/cm ρ (23 °C): 0.91 g/cm³

Trihexyltetradecylphosphonium dicyanamide, >95%

IN-0010-TG [701921-71-3] C₃₄H₆₈N₃P MW 549.90



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 361 cP σ (24 °C): 0.16 mS/cm ρ (28 °C): 0.90 g/cm³

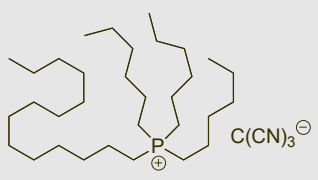
PHOSPHONIUM-BASED IONIC LIQUIDS



Products and prices 2024

Trihexyltetradecylphosphonium tricyanomethanide, >98%

IN-0038-HP [---] C₃₆H₆₈N₃P MW 573.92

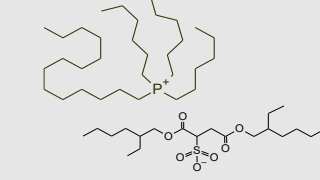


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Trihexyltetradecylphosphonium dioctylsulfosuccinate, >98%

IN-0042-HP [---] C₅₂H₁₀₅PO₇S MW 905.45

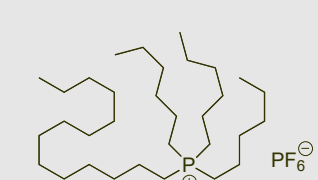


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~ °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Trihexyltetradecylphosphonium hexafluorophosphate, >95%

IN-0012-TG [374683-44-0] C₃₂H₆₈F₆P₂ MW 628.82

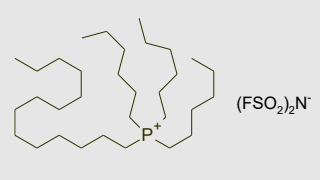


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 40-45 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Trihexyltetradecylphosphonium bis(fluorosulfonyl)imide, >98%

IN-0044-HP [---] C₃₂H₆₈F₂NO₄PS₂ MW 663.98

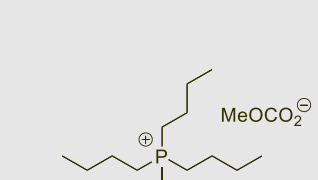


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~ °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Tributylmethylphosphonium methylcarbonate, >97%, ~50% in MeOH

IN-0030-SG [120256-45-3] C₁₅H₃₃O₃P MW 292.22

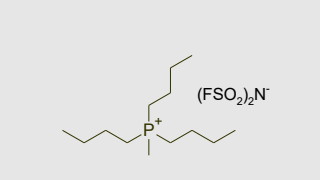


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

Produced by Proionic GmbH.

Tributylmethylphosphonium bis(fluorosulfonyl)imide, >98%

IN-0045-HP [---] C₁₃H₃₀F₂NO₄PS₂ MW 397.49

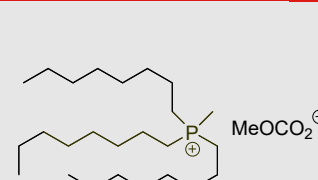


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~ °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Trioctylmethylphosphonium methylcarbonate, >97%, ~30% in MeOH

IN-0031-SG [---] C₂₇H₅₇O₃P MW 460.40

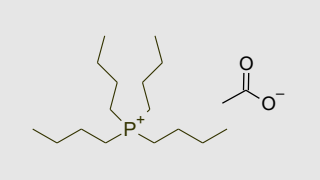


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

Produced by Proionic GmbH.

Tetrabutylphosphonium acetate, >97%

IN-0046-HP [30345-49-4] C₁₈H₃₉O₂P MW 318.47



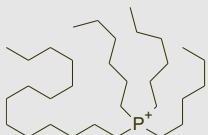
25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: ~ °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

PHOSPHONIUM-BASED IONIC LIQUIDS



Products and prices 2024

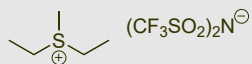
Trihexyltetradecylphosphonium bis(nonafluorobutanesulfonyl)imide, >95%			
IN-0047-HP	[---]	$C_{40}H_{68}F_{18}NO_4PS_2$	MW 1064.04
 $(C_4F_9SO_2)_2N^-$	25 g	on request	
	50 g	on request	
	100 g	on request	
	250 g	on request	
	500 g	on request	
	1 kg	on request	
	5 kg	on request	
m.p.: ~ °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm ³			

SULFONIUM-BASED IONIC LIQUIDS

Products and prices 2024

Diethylmethylsulfonium bis(trifluoromethylsulfonyl)imide, 99%

IL-0031-HP [792188-85-3] $C_7H_{13}F_6NO_4S_3$ MW 385.37

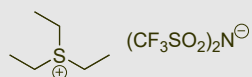


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 39.4 cP σ (25 °C): 5.98 mS/cm ρ (19 °C): 1.51 g/cm³

Triethylsulfonium bis(trifluoromethylsulfonyl)imide, 99%

IL-0030-HP [321746-49-0] $C_8H_{15}F_6NO_4S_3$ MW 399.39



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: <RT η (25 °C): 31.5 cP σ (25 °C): 5.12 mS/cm ρ (24 °C): 1.46 g/cm³

Trimethylsulfonium iodide, >98%

IL-0259-HP [2181-42-2] C_3H_9IS MW 204.07

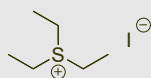


25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 212 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

Triethylsulfonium iodide, >98%

IL-0258-HP [1829-92-1] $C_6H_{15}IS$ MW 245.99



25 g	on request
50 g	on request
100 g	on request
250 g	on request
500 g	on request
1 kg	on request
5 kg	on request

m.p.: 142 °C η (25 °C): ~ cP σ (25 °C): ~ mS/cm ρ (25 °C): ~ g/cm³

READY-TO-USE-ELECTROLYTES FOR DSSCs



Products and prices 2024

IoLiLyte® SP-361 **0,1M I₃⁻ Imidazolium-based Electrolyte**

ES-0001-HP

	25 g	on request
1-Methyl-3-propylimidazolium iodide	50 g	on request
Iodine	100 g	698.00 €
N-Methylbenzimidazole	250 g	on request
3-Methoxyvaleronitril	500 g	on request
	1 kg	on request
	5 kg	on request

IoLiLyte® SP-237 **0,2M I₃⁻ PMIM/EMIM-based Electrolyte**

ES-0005-HP

	25 g	on request
1-Methyl-3-propylimidazolium iodide	50 g	on request
1-Ethyl-3-methylimidazolium thiocyanate	100 g	on request
Iodine	250 g	on request
N-Methylbenzimidazole	500 g	on request
Guanidinthiocyanate	1 kg	on request
	5 kg	on request

IoLiLyte® SP-382 **0,15M I₃⁻ Imidazolium-based Electrolyte**

ES-0002-HP

1-Methyl-3-propylimidazolium iodide	25 g	on request
Iodine	50 g	on request
Guanidine thiocyanate	100 g	on request
N-Methylbenzimidazole	250 g	on request
3-Methoxyvaleronitril	500 g	on request
	1 kg	on request
	5 kg	on request

IoLiLyte® SP-196 **0,2M I₃⁻ DiMIM/EMIM-based Electrolyte**

ES-0007-HP

1,3-Dimethylimidazolium iodide	25 g	on request
1-Ethyl-3-methylimidazolium iodide	50 g	on request
1-Ethyl-3-methylimidazolium thiocyanate	100 g	on request
Iodine	250 g	on request
N-Methylbenzimidazole	500 g	on request
Guanidinthiocyanate	1 kg	on request
	5 kg	on request

IoLiLyte® SP-355 **0,1M I₃⁻ Imidazolium-based Electrolyte**

ES-0003-HP

1,2-Dimethyl-3-propylimidazolium iodide	25 g	on request
Iodine	50 g	on request
N-Methylbenzimidazole	100 g	on request
3-Methoxyvaleronitril	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

IoLiLyte® SI-2164 **I₂ PDiMIM-based electrolyte with additives**

ES-0008-HP

	25 g	on request
	50 g	on request
0.10 M LiI, 0.05 M I ₂ , 0.60 M PDiMIM I and 0.50 M tert.-Butylpyridine in Acetonitrile/Valeronitrile	100 g	on request
	250 g	on request
	500 g	on request
	1 kg	on request
	5 kg	on request

IoLiLyte® SP-163 **0,03M I₃⁻ BMIM-based Electrolyte**

ES-0004-HP

1-Butyl-3-methylimidazolium iodide	25 g	on request
Iodine	50 g	on request
tert.-Butylpyridine	100 g	on request
Guanidin Thiocyanate	250 g	on request
Acetonitril/Varelonitril	500 g	on request
	1 kg	on request
	5 kg	on request

GENERAL TERMS AND CONDITIONS



Products and prices 2024

I. General

These General Conditions of Sale and Delivery shall be an integral part of the contract of purchase. Conflicting or deviating conditions of purchase or other reservations made by the Buyer shall not be effective unless the Seller has expressly accepted them in writing for a particular order.

II. Offers, Orders

1. The Seller's offers shall not be binding with respect to price, quantity, delivery time and availability. 2. The Buyer's orders shall become binding on the Seller upon receipt by the Buyer of the Seller's written order acknowledgment (or invoice or delivery note).

III. Invoicing

1. The prices invoiced shall be the Seller's prices effective at the time of delivery plus statutory sales tax.

2. Should the Seller, in the interval between conclusion of the contract and delivery, effect a general price increase, the Buyer shall have the right to withdraw from the contract within two weeks of having been informed thereof, unless the price increase is exclusively due to an increase in freight rates. The right of withdrawal shall not apply to long-term supply contracts (contracts for the performance of a continuing obligation).

3. The weight of the goods on which the invoiced amount is to be calculated shall be ascertained in the dispatch department of the Seller's plant from which the goods are supplied unless the Buyer wishes them to be weighted, at his expense, by the railway authorities at the station of dispatch.

IV. Payment

1. The handing in of bills of exchange shall be subject to the Seller's prior consent and shall not constitute payment. The maturity of bills shall not exceed 90 days from the invoice date. Discount expenses, bill charges, bill tax and similar expenses incurred in the period beginning 30 days after the invoice date shall be for the Buyer's account.

2. Where the Seller has reason to doubt the Buyer's solvency or credit worthiness and the Buyer is not prepared to effect advance cash payment or provide the Seller with security as requested, the Seller shall have the right to cancel that portion of the contract which he has not yet performed.

3. Deposits and advance payments shall be made inclusive of sales tax.

4. Payment shall not be deemed to have been effected until the amount has been cleared into one of the Seller's accounts.

5. The Seller reserves the right to use payments for the settlement of the invoices which have been outstanding longest, plus any interest on arrears and costs accrued thereon, in the following order: costs, interest, principal claim.

6. The Buyer shall not have the right to withhold payments. Counterclaims may only be offset if they are uncontested or have become *res judicata*.

V. Delivery

1. The Seller shall make every effort to effect delivery as early as possible. There shall be no fixed periods for delivery.

2. Should, notwithstanding the preceding paragraph, a fixed period for delivery have been agreed, and should the Seller default with the supply, the Buyer shall grant the Seller a reasonable respite, normally of four weeks.

3. Delivery shall be subject to punctual delivery of the appropriate goods by the Seller's own suppliers.

4. The day of delivery shall be the day on which the goods leave the Seller's plant or warehouse or, if that day cannot be ascertained, the day on which the goods are put at the Buyer's disposal.

5. The provision of packaging including tankers and tank containers by the Seller shall be subject to special conditions.

VI. Force Majeure, Impediments to Performance

Force majeure of any kind, unforeseeable production, traffic or shipping disturbances, fire, floods, unforeseeable shortages of labor, utilities or raw materials and supplies, strikes, lockouts, acts of government, and any other hindrances beyond the control of the party obliged to perform which diminish, delay or prevent production, shipment, acceptance or use of the goods, or make it an unreasonable proposition, shall relieve the party from its obligation to supply or take delivery, as the case may be, as long as and to the extent that the hindrance prevails. If, as a result of the hindrance, supply and/or acceptance is delayed by more than eight weeks, either party shall have the right to cancel the contract. Should the Seller's suppliers fail to supply him in whole or in part, the Seller shall not be under obligation to purchase from other sources. In such cases, the Seller shall have the right to distribute the available quantities among his customers while at the same time taking into account his captive requirements.

VII. Shipment

1. The Seller reserves the right to choose the route and the mode of transport. Any additional costs resulting from special shipping requests made by the Buyer shall be borne by the Buyer. Unless prepaid freight has been agreed, the Buyer shall also bear any increases in freight rates which become effective after the contract has been concluded, any additional costs resulting from re-routing a consignment, storage expenses, etc.

2. The risk of destruction, loss or damage shall pass to the Buyer upon dispatch of the goods or, if they are collected by the Buyer, at the time they are placed at the Buyer's disposal.

VIII. Retention of Title

1. Title to the goods shall not pass to the Buyer until he has fulfilled all liabilities arising from his business connection with the Seller, which shall include settling accessory claims and claims for damages and honoring cheques and bills. Title to the goods shall also remain with the Seller if the Seller's claims have been included in a current account and the balance of this account has been struck and acknowledged.

2. If the Buyer defaults in his obligations to the Seller, the Seller shall have the right, without granting a respite and without cancelling the contract, to demand the return of the goods to which he retains title. Acceptance of the returned goods shall not constitute cancellation of the contract unless the Seller has expressly declared this in. If the Seller cancels the Contract, he shall have the right to demand appropriate compensation for having permitted the Customer to use the item for a certain period.

3. If goods to which the Seller retains title are processed into new products, the Buyer shall be deemed to be effecting such processing on behalf of the Seller without thereby acquiring any claims on the Seller. The Seller's title shall thus extend to the products resulting from the processing. If goods to which title is retained by the Seller are processed together with, mixed with or attached to goods to which title is retained by

third parties, the Seller shall acquire co-ownership of the resulting products in the ratio of the invoice value of the goods owned by him to the invoice value of the goods owned by those third parties. If the goods, as a result of such mixing or attaching become part of a principal matter of the Buyer, the Buyer, by accepting these Conditions, assigns in advance his title to the new item to the Seller. 4. The Buyer shall be under obligation to provide, on behalf of the Seller, adequate storage of the goods to which the Seller retains title, to service and repair them at his expense and to insure them at his expense against loss and damage up to an extend which may reasonably be expected of a prudent businessman. By accepting these Conditions, the Buyer assigns in advance to the Seller any claims which may accrue to him under the insurance policies.

5. As long as the Buyer duly meets his liabilities to the Seller, he shall have the right, in the normal course of business, to do as he wishes with the goods to which the Seller retains title. This shall not apply, however, if he and his customers have concluded an agreement according to which the Buyer must not assign his claims on them to third parties. The Buyer shall not have the right to pledge, chattel mortgage or otherwise encumber the goods to which the Seller retains title. When reselling the goods, the Buyer shall make the passing of the title subject to full payment of the goods by his customers.

6. By accepting these Conditions, the Buyer assigns in advance to the Seller any claims which may arise from a resale of the goods to which the Seller retains title, together with any incidental rights and security interests including bills of exchange and cheques, so as to provide the Seller with security for all claims he has on the Buyer as a result of the business connection. If goods to which the Seller retains title are sold together with other goods at a single price, the assignment shall be limited to the portion of the invoice value which covers the goods to which the Seller retains title. If the Buyer sells goods of which the Seller has co-ownership pursuant to clause VIII. 3., the assignment shall be limited to the portion of the invoice value which corresponds to the Seller's co-ownership. If the Buyer uses goods to which the Seller retains title for processing a third party's product on a contract basis, in accepting these Conditions he assigns in advance his contractual claim on the third party to the Seller in order to provide him with security for his claim. As long as the Buyer duly meets his liabilities to the Seller, he may collect claims from a resale or from contract processing himself. He shall not have the right to assign or pledge such claims as security.

7. If the Seller believes his claims to be at risk, the Buyer shall, at the Seller's request, inform his customers of the assignment of his claims to the Seller and supply the Seller with all necessary information and documents. Any acts of third parties aimed at seizing goods to which the Seller retains title or at appropriating claims assigned to him shall be brought to the Seller's attention by the Buyer immediately.

8. If the value of the security provided to the Seller exceeds the value of the claims to be safeguarded by more than 20 per cent, the Seller shall, at the Buyer's request, bring the excess coverage down to 20 per cent by releasing security of his own choice.

IX. Damages

1. No claims for compensation may be lodged by the Buyer - including those of a non-contractual nature - for any minor negligent breach of duty by the Seller, his executive staff or other agents, unless such breach concerns a duty that is crucial for the object of the contract.

2. The Seller shall only be liable for indirect damage or damage which could not be foreseen at the time of conclusion of the contract if such damage is due to a gross fault on the part of the Seller or one of his managerial employees.

3. The above limitations shall not apply to damage resulting from death, injury or damage to health. However, this shall not affect the applicability of compelling statutory liability regulations such as, for example, liability for the assumption of a guarantee or product liability law.

X. Notification of Defects

1. Notification of defects shall only be recognized if filed in writing within two weeks of receipt of the goods, together with supporting evidence, samples and packing slips, stating the invoice number and date, and the markings on the packaging.

2. Hidden defects must be notified to the Seller immediately upon discovery, but not later than five months after receipt of the goods. This shall not affect the periods of limitation. The burden of proving that a defect is a hidden defect shall rest with the Buyer.

3. Goods forming the subject of a complaint shall not be returned to the Seller except with the Seller's express consent.

XI. Buyer's Rights in the event of Defects

1. Warranty claims made by the Buyer shall only entitle the Buyer to be supplied with a replacement. If the replacement provided by the Seller is also defective, the Buyer may reduce the purchase price or opt to cancel the contract. Claims for damages as defined in Section IX shall remain unaffected by the above. Claims made by the Buyer due to expenses incurred as a result of reworking, in particular transport, travel, labor and material costs, shall be excluded where such expenses have been increased by the fact that the item was subsequently transported to a location other than the premises of the party placing the order, unless the goods were supplied to this location in line with their intended use.

2. In the event of recourse to the guarantee by the Buyer following a successful claim against the latter on the basis of the provisions governing the purchase of a consumer good, the claims under a right of recourse in accordance with the regulations on the purchase of consumer goods shall remain unaffected. Section IX shall apply to any claim for damages.

3. The Buyer must inform the Seller without delay of any case of recourse within the supply chain. Statutory claims under a right of recourse by the Buyer against the Seller shall not apply with respect to arrangements entered into by the Buyer with its customer over and above statutory warranty claims.

4. Any guarantee agreement must be made in writing. A statement of guarantee shall only be effective if it describes the content of the guarantee and the duration and physical scope of guarantee protection in sufficient detail.

XII. Periods of Limitation

In cases that fall under § 438, paragraph 1, no. 3 of the Federal Civil Code (BGB), warranty claims shall expire with effect from one year from the beginning of the statutory period of limitation. In cases that fall under § 438, paragraph 1, no. 2 of the Federal Civil Code (BGB) warranty claims shall expire with effect from two years from the beginning of the statutory period of limitation. Compelling regulations governing

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the statutory period of limitation or the question of liability, such as, for example, liability for the assumption of a guarantee, liability for willful intent and gross negligence, for death, physical injury or damage to health, for the violation of essential contractual obligations, liability in accordance with the product liability law and the provisions relating to the sale of consumer goods shall remain unaffected.

XIII. Properties of Goods, Technical Support, Use and Processing

1. The properties of the goods shall as a general rule only include the properties as stated in the product descriptions, specifications and labeling of the Seller. Public statements, claims or advertising shall not be classed as information on the properties of the item for sale.

2. Technical advice provided by the Seller verbally, in writing or by way of trials is given in good faith but without warranty, and this shall also apply where proprietary rights of third parties are involved. The Seller's technical advice shall not release the Buyer from the obligation to test the products supplied by the Seller as to their suitability for the intended processes and uses the application, use and processing of the products are beyond the Seller's control and therefore entirely the Buyer's responsibility.

XIV. Trademarks

1. The Buyer shall not have the right to refer to the Seller's products when offering or supplying substitute products or, in price lists or similar business communications, to use the word "substitute" in conjunction with the Seller's - protected or unprotected product designations or list these designations together with any designations for substitute products.

2. When using the Seller's products for manufacturing purposes or when processing them into new products, the Buyer shall not have the right, without the Seller's prior consent, to use the Seller's product designations, especially his trademarks, on the resulting products or on the packaging therefore or in any relevant printed matter or advertising literature, particularly by mentioning the Seller's products as components of his own products. The supply of goods under a trademark shall not be deemed agreement to the use of this trademark for the products manufactured therefrom.

XV. Place of Performance and Jurisdiction, Invalidity of Individual Clauses

1. Place of performance for delivery shall be the Seller's dispatch department; place of performance for payment shall be "Heilbronn".

2. Place of jurisdiction for both parties shall be Heilbronn. The Seller shall furthermore have the right to sue the Buyer at the Buyer's general place of jurisdiction.

3. Should any clause in these General Conditions of Sale and Delivery be or become invalid, this shall not affect the validity of the remaining clauses or remaining parts of the clause concerned. The parties shall replace any invalid arrangement by an effective one which conforms as far as possible to the economic purpose of the invalid clause.

Information on physical-chemical data provided in this pricelist

All physical and chemical data provided within this pricelist are influenced by temperature, water content and purity. There might be deviations compared to literature and other sources. The data make no claim to be complete and there is no accuracy of statement.

Heilbronn, March 2022