

Technical Data Sheet

1-Methyl-3-tetradecylimidazolium bis(trifluoromethylsulfonyl)imide

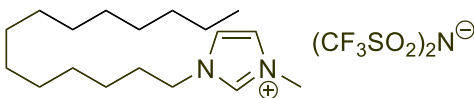
Revision Date: 6/5/2012

Date Issued: 2/7/2022

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name	1-Methyl-3-tetradecylimidazolium bis(trifluoromethylsulfonyl)imide
Product code	IL-0102
CAS	404001-49-6
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany
Telephone	+49 (0)7131-89839-0
Fax	+49 (0)7131-89839-109
Emergency telephone	+49 (0)179-5322578
Email	info@iolitec.de

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	1-Methyl-3-tetradecylimidazolium bis(trifluoromethylsulfonyl)imide
CAS No.	404001-49-6
Empirical Formula	$C_{20}H_{35}F_6N_3O_4S_2$
Structure	
Molecular weight	559.63g/mol
Purity	>98%

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3 PROPERTIES

Color	Yellow to orange
Physical state (25 °C)	Solid
Melting point	38 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	1,2205 g/cm ³
Viscosity (20 °C)	not available
Heat capacity (20 °C)	not available
Conductivity (20 °C)	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

Water	not miscible
Acetone	miscible
Acetonitrile	miscible
Isopropanol	miscible
Toluene	miscible
Hexane	partly miscible

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5 ORDER INFORMATION

IL-0102-HP can be obtained in the following standard quantities:

Quantity	Price
25 g	Please enquire
50 g	Please enquire
100 g	Please enquire
250 g	Please enquire
500 g	Please enquire
1 kg	Please enquire
Bulk	Please enquire

Please send your order via email to order@iolitec.de or fax +49 (0)7131 – 89839109.

6 OTHER INFORMATION

DISCLAIMER

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DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.