

Technical Data Sheet

1,3-Diethylimidazolium bromide


Revision Date: 6/26/2018

Date Issued: 10/26/2023

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

Product name	1,3-Diethylimidazolium bromide
Product code	IL-0279
CAS	54304-66-4
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	1,3-Diethylimidazolium bromide
CAS No.	54304-66-4
Empirical Formula	C ₇ H ₁₃ BrN ₂
Structure	
Molecular weight	205.10 g/mol
Purity	98%

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3 PROPERTIES

Color	White to orange
Physical state (25 °C)	solid
Melting point	48°C
Glass transition temperature	not available
Decomposition temperature	not available
Density	1,2273 g/cm ³
Viscosity	not available
Heat capacity	not available
Conductivity	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

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

5 ORDER INFORMATION

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IL-0279-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

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