

Technical Data Sheet

1-Ethyl-3-methylimidazolium 1,1,2,2-tetrafluoroethanesulfonate

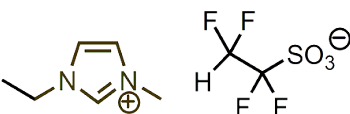
Revision Date: 6/26/2018

Date Issued: 2/8/2022

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

Product name	1-Ethyl-3-methylimidazolium 1,1,2,2-tetrafluoroethanesulfonate
Product code	IL-0232
CAS	880084-63-9
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-Ethyl-3-methylimidazolium 1,1,2,2-tetrafluoroethanesulfonate
CAS No.	880084-63-9
Empirical Formula	C ₈ H ₁₂ F ₄ N ₂ O ₃ S
Structure	
Molecular weight	292.25 g/mol
Purity	99%

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3 PROPERTIES

Color	Yellow to orange
Physical state (25 °C)	liquid
Melting point	not available
Glass transition temperature	not available
Decomposition temperature	not available
Density	not available
Viscosity (25 °C)	86.4 mPa * s
Heat capacity	not available
Conductivity (30 °C)	4.17 mS/cm
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

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

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5 ORDER INFORMATION

IL-0232-SG 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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