

Technical Data Sheet

1-Methyl-1-(2-methoxyethyl)pyrrolidinium bis(trifluoromethylsulfonyl)imide

Revision Date: 1/15/2024

Date Issued: 1/15/2024

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

Product name 1-Methyl-1-(2-methoxyethyl)pyrrolidinium
bis(trifluoromethylsulfonyl)imide

Product code IL-0359

CAS 757240-24-7

Supplier IoLiTec
Ionic Liquids Technologies GmbH
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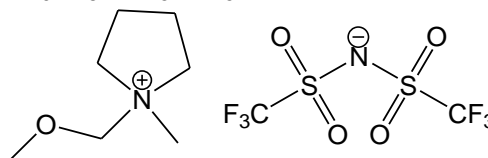
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name 1-Methyl-1-(2-methoxyethyl)pyrrolidinium
bis(trifluoromethylsulfonyl)imide

CAS No. 757240-24-7

Empirical Formula C₁₀H₁₈N₂O₅S₂F₆

Structure 

Molecular weight 424.38 g/mol

Purity >98%

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3 PROPERTIES

Color	Colorless to orange
Physical state (25 °C)	liquid
Melting point	-55°C
Glass transition temperature	not available
Decomposition temperature	not available
Density (20°C)	1.4449 g/cm ³
Viscosity (20°C)	55.1 cP
Heat capacity	not available
Conductivity (20°C)	2.503 mS/cm
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	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0353-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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