

Technical Data Sheet

1-Ethyl-3-methylimidazolium trifluoroacetate

Revision Date: 6/26/2018

Date Issued: 2/7/2022

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

Product name 1-Ethyl-3-methylimidazolium trifluoroacetate

Product code IL-0027

CAS 174899-65-1

Supplier IoLiTec
Ionic Liquids Technologies GmbH
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ROCO

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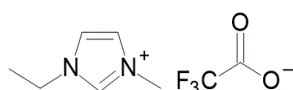
2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name 1-Ethyl-3-methylimidazolium trifluoroacetate

CAS No. 174899-65-1

Empirical Formula C₈H₁₁F₃N₂O₂

Structure



Molecular weight

224.18 g/mol

Purity

>97%

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3 PROPERTIES

Color	Yellow to orange liquid
Physical state (25 °C)	liquid
Melting point	-14 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	1.31 g/cm ³
Viscosity (25 °C)	28.7 mPa * s
Heat capacity	not available
Conductivity	7.018 mS/cm
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

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5 ORDER INFORMATION

IL-0027-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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