

Technical Data Sheet

1-Ethylpyridinium bis(trifluoromethylsulfonyl)imide

Revision Date: 6/26/2018

Date Issued: 8/18/2022

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

Product name	1-Ethylpyridinium bis(trifluoromethylsulfonyl)imide
Product code	IL-0211
CAS	712354-97-7
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



Distributor

1816 Parkway View Drive,
Pittsburgh, PA 15205
✉ Info@roco.global
724-315-9170
www.roco.global

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	1-Ethylpyridinium bis(trifluoromethylsulfonyl)imide
CAS No.	712354-97-7
Empirical Formula	C ₉ H ₁₀ F ₆ N ₂ O ₄ S ₂
Structure	 <p>The structure shows a pyridinium ring with an ethyl group (CH₂CH₃) attached to the nitrogen atom. To the right of the ring is the counterion (CF₃SO₂)₂N⁺.</p>
Molecular weight	388.31 g/mol
Purity	99%

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3 PROPERTIES

Color	Colorless to yellow
Physical state (25 °C)	liquid
Melting point	32°C
Glass transition temperature	not available
Decomposition temperature	not available
Density	1.5855 g/cm ³
Viscosity	40.5 mPa * s
Heat capacity	not available
Conductivity	5.545 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-0211-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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