

Technical Data Sheet

Choline bis(trifluoromethylsulfonyl)imide

Revision Date: 7/12/2021

Date Issued: 2/7/2022

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

Product name	Choline bis(trifluoromethylsulfonyl)imide
Product code	IL-0110
CAS	827027-25-8
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

ROCO

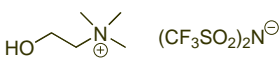
Distributor

1816 Parkway View Drive,
Pittsburgh, PA 15205

✉ info@roco.global
724-315-9170

www.roco.global

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Choline bis(trifluoromethylsulfonyl)imide
CAS No.	827027-25-8
Empirical Formula	C ₇ H ₁₄ F ₆ N ₂ O ₄ S ₂
Structure	
Molecular weight	368.32 g/mol
Purity	>99%

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3 PROPERTIES

Color	colorless to yellow
Physical state (25 °C)	solid
Melting point	35-37 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	1,5079 g/cm ³
Viscosity (45 °C)	49.5 cP
Heat capacity (20 °C)	not available
Conductivity (45 °C)	3.978 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-0110-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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DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.