

Technical Data Sheet

Bis(1-butyl-3-methylimidazolium) tetrathiocyanatocobaltat

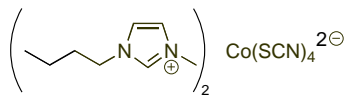
Revision Date: 12/19/2011

Date Issued: 2/8/2022

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

Product name	Bis(1-butyl-3-methylimidazolium) tetrathiocyanatocobaltat
Product code	IL-0310
CAS	1245942-47-5
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	Bis(1-butyl-3-methylimidazolium) tetrathiocyanatocobaltat
CAS No.	1245942-47-5
Empirical Formula	C ₂₀ H ₃₀ CoN ₈ S ₄
Structure	
Molecular weight	569.70 g/mol
Purity	>99%

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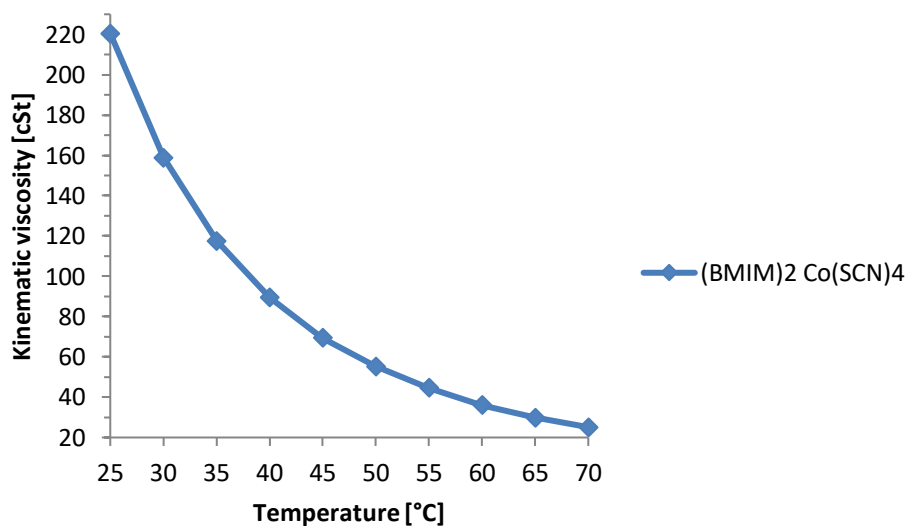
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3 PROPERTIES

Color	Blue
Melting point	<20 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (26 °C)	1.218 g/cm ³
Viscosity (25 °C)	268.6 mPa * s
Conductivity (30 °C)	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available



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4 CO-SOLVENT MISCIBILITY

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

5 ORDER INFORMATION

IL-0310-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

DISCLAIMER

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT
PURPOSED TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE.

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