

Technical Data Sheet

1-Benzyl-3-methylimidazolium hexafluorophosphate

Revision Date: 6/26/2018

Date Issued: 3/14/2022

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

Product name	1-Benzyl-3-methylimidazolium hexafluorophosphate
Product code	IL-0187
CAS	433337-11-2
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

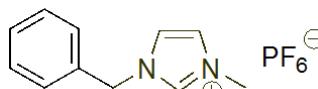


ROCO

Distributor

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

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	1-Benzyl-3-methylimidazolium hexafluorophosphate
CAS No.	433337-11-2
Empirical Formula	C ₁₁ H ₁₃ F ₆ N ₂ P
Structure	 The structure shows a benzyl group (a benzene ring with a methyl group) attached to the 1-position of an imidazolium cation. The imidazolium cation has a methyl group on the 3-position and a hexafluorophosphate anion (PF ₆ ⁻) on the 4-position.
Molecular weight	318.20 g/mol
Purity	99%

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3 PROPERTIES

Color	Colorless to yellowish
Physical state (25 °C)	solid
Melting point	135 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density	not available
Viscosity	not available
Heat capacity	not available
Conductivity	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

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

5 ORDER INFORMATION

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IL-0187-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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