

Technical Data Sheet

1-Butyl-4-methylpyridinium hexafluorophosphate

Revision Date: 8/19/2013

Date Issued: 2/7/2022

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

Product name 1-Butyl-4-methylpyridinium
hexafluorophosphate

Product code IL-0084

CAS 401788-99-6

Supplier IoLiTec
Ionic Liquids Technologies GmbH
Im Zukunftspark 9
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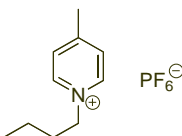
www.roco.global

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name 1-Butyl-4-methylpyridinium
hexafluorophosphate

CAS No. 401788-99-6

Empirical Formula C₁₀H₁₆F₆NP

Structure 

Molecular weight 295.21 g/mol

Purity >99%

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3 PROPERTIES

Color	yellow to brown
Physical state (25 °C)	solid
Melting point	42-43 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	1,3265 g/cm ³
Viscosity (25 °C)	not available
Heat capacity (25 °C)	not available
Conductivity (20 °C)	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

Water	not miscible, decomposition in presence of water
Acetone	miscible
Acetonitrile	miscible
Isopropanol	not miscible
Toluene	miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0084-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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