

Technical Data Sheet

Lithium BTA

Revision Date: 4/4/2023
Date Issued: 7/21/2025

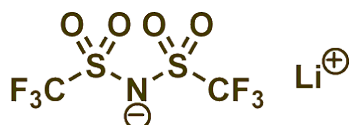
1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name	Lithium BTA
Product code	KI-0001-HP
CAS	90076-65-6
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	Lithium (bis) trifluoromethanesulfonimide
CAS No.	90076-65-6
Empirical Formula	$(\text{CF}_3\text{SO}_3)_2\text{N}^- \text{Li}^+$

Structure



Molecular weight	287.09 g/mol
Purity	99%

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3 PROPERTIES

Color	white
Physical state (25 °C)	solid
Melting point	236°C
Boiling point	n/a
Flash point	n/a
Decomposition temperature	375°C
Density (20 °C)	solid
Viscosity (20 °C)	solid
Heat capacity (25 °C)	n/a

4 SOLUBILITY/MISCIBILITY

Water	soluble
1,3-Dioxolane	soluble
1,3-Dioxane	soluble
γ-Butyrolactone	soluble
Diethyl Ether	soluble
Dimethoxyethane	soluble
Ethyl Acetate	soluble
Isopropyl Ether	soluble
Methyl t-Butyl Ether	soluble
Propylene Carbonate	soluble
Tetrahydrofuran	soluble

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5 ORDER INFORMATION

KI-0001-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
1000 g	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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