

Technical Data Sheet

1-(4-Sulfobutyl)-3-methylimidazolium trifluoromethanesulfonate

Revision Date: 6/26/2020

Date Issued: 5/3/2023

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

Product name 1-(4-Sulfobutyl)-3-methylimidazolium
trifluoromethanesulfonate

Product code IL-0353

CAS 657414-80-7

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

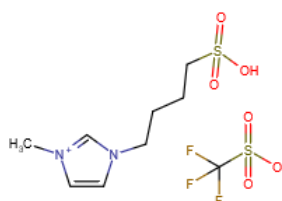
www.roco.global

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name 1-(4-Sulfobutyl)-3-methylimidazolium
trifluoromethanesulfonate

CAS No. 657414-80-7

Empirical Formula C₉H₁₅F₃N₂O₆S₂



Structure

Technical Data Sheet

1-(4-Sulfobutyl)-3-methylimidazolium trifluoromethanesulfonate

Revision Date: 6/26/2020

Date Issued: 5/3/2023

Molecular weight	368.40 g/mol
Purity	>98%

3 PROPERTIES

Color	Colorless to orange
Physical state (25 °C)	liquid
Melting point	not available
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 available
Acetone	not available
Acetonitrile	not available
Isopropanol	not available
Toluene	not available

Technical Data Sheet

1-(4-Sulfobutyl)-3-methylimidazolium trifluoromethanesulfonate

Revision Date: 6/26/2020

Date Issued: 5/3/2023

Hexane

not available

5 ORDER INFORMATION

IL-0353-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 IS NOT PURPOSED TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. IOLITEC SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO

Technical Data Sheet

1-(4-Sulfobutyl)-3-methylimidazolium trifluoromethanesulfonate

Revision Date: 6/26/2020

Date Issued: 5/3/2023

SATISFY HIMSELF AS TO THE SUITABILITY OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.

IN NO WAY SHALL IOLITEC BE LIABLE FOR ANY CLAIMS, LOSSES OR DAMAGES OF ANY THIRD PARTY OR FOR THE LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.