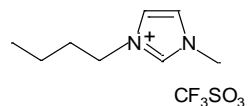


## Description

Product: **1-Butyl-3-Methylimidazolium Trifluoromethanesulfonate**

Synonyms: [Bmim] TFO  
 Purity: 99,5%  
 CAS Number: [174899-66-2]  
 Molecular Formula:  $C_9H_{15}F_3O_3SN_2$



## Properties

Appearance: Slightly yellow to colorless liquid  
 Molecular Weight (g/mol): 288,29  
 Melting point (°C): 16  
 Density (g/cm<sup>3</sup> at 20°C): 1,29  
 Viscosity (cP at 25°C): 179,14  
 Refractive index : 1,439  
 Conductivity (mS/cm at 20°C): 3,7  
 Decomposition temperature (°C): 409

## Solubility

Miscibility with water: partially  
 Miscibility with isopropanol: Yes  
 Miscibility with methanol: Yes  
 Miscibility with acetonitrile: Yes  
 Miscibility with dichloromethane: Yes  
 Miscibility with trichloroethylene: No  
 Miscibility with toluene: No  
 Miscibility with hexane: No

## Specification

	Unit	Specification
<b>Water content</b> (Karl-Fisher)	%	≤ 0,05
<b>Halid</b> (IC)		
Br	%	≤ 0,001
Cl	%	≤ 0,001
<b>Methylimidazole</b>	%	≤ 0,005
<b>Color test by UV-Visible spectroscopy (Hazen)</b>	Hazen	< 20 – 10
<b>Spectroscopy infrared</b>		Corresponds to standard spectrum

## Applications

- Catalysis

## Units

Ref.	Product	Qty
Im0405b10	1-Butyl-3-Methylimidazolium Trifluoromethanesulfonate 99,5%	10g
Im0405b50	1-Butyl-3-Methylimidazolium Trifluoromethanesulfonate 99,5%	50g
Im0405b250	1-Butyl-3-Methylimidazolium Trifluoromethanesulfonate 99,5%	250g

Please inquire for bulk-quantities