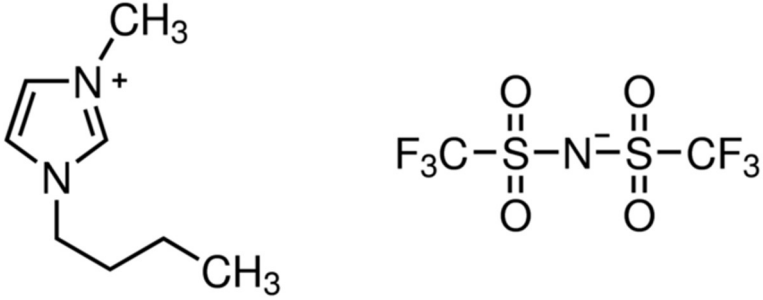


**BMIM-TFSI**

PI.PS.00216.1000\_01

<b>product name</b>	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	
<b>chemical structure</b>		
<b>PI product number</b>	00216.1000	
<b>molecular weight</b>	419.36 g <sup>*</sup> mol <sup>-1</sup>	
<b>molecular formula</b>	C <sub>10</sub> H <sub>15</sub> F <sub>6</sub> N <sub>3</sub> O <sub>4</sub> S <sub>2</sub>	
<b>CAS</b>	174899-83-3	
<b>purity</b>	<b>electronic grade</b>	
<b>assay BMIM<sup>+</sup></b>	≥ 99.0%w, HPLC	
<b>assay TFSI<sup>-</sup></b>	≥ 99.0%w, IC	
<b>halides</b>	< 30 ppm <sub>w</sub> , IC	
<b>assay H<sub>2</sub>O</b>	< 50 ppm <sub>w</sub> , coulometric Karl Fischer titration	
<b>assay 1-alkylimidazole</b>	< 500 ppm <sub>w</sub> , HPLC	
<b>aspect</b>	clear liquid, acc. to Ph. Eur. 5.0	
<b>color number</b>	< 250, APHA-Hazen-scale	
<b>ΔE</b>	> 4.5 V, WE: GC, CE: GC, QRE: Pt; 10mV/s ± 1 mA/cm <sup>2</sup>	