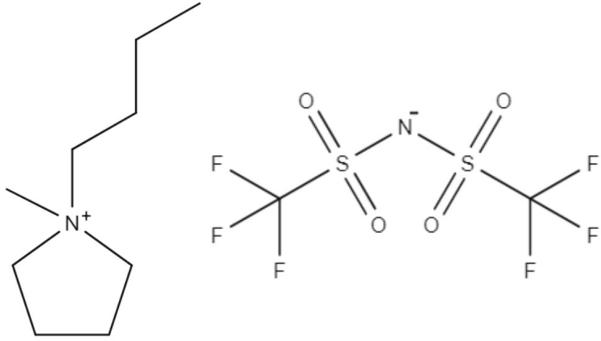


# BMPyrr-TFSI

PI.PS.00316.1000\_05

<b>product name</b>	<b>1-Butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide</b>
<b>chemical structure</b>	
<b>PI product number</b>	00316.1000
<b>molecular weight</b>	422.4 g* $\text{mol}^{-1}$
<b>molecular formula</b>	$\text{C}_{11}\text{H}_{20}\text{F}_6\text{N}_2\text{O}_4\text{S}_2$
<b>CAS number</b>	223437-11-4
<b>EC number</b>	606-989-0
<b>EChA reference-number</b>	02-2120802516-61-0000
<b>quality</b>	<b>electronic grade</b>
<b>purity</b>	$\geq 99.9\%$ w
<b>identity</b>	structure confirmed, $^1\text{H}$ , $^{13}\text{C}$ NMR
<b>identity</b>	passed, IR
<b>halides</b>	$\leq 10$ ppm <sub>w</sub> , IC
<b>assay H<sub>2</sub>O</b>	$\leq 20$ ppm <sub>w</sub> , coulometric Karl Fischer titration
<b>assay n-Butylpyrrolidine</b>	$\leq 500$ ppm <sub>w</sub> , non-aqueous titration
<b>aspect</b>	clear liquid, acc. to Ph. Eur. 5.0
<b>color</b>	yellow to light brown
<b><math>\Delta E</math></b>	$> 5.7$ V, WE: Pt, CE: Pt, RE: W/WO <sub>3</sub> ; 10 mV/s; $\pm 1$ mA/cm <sup>2</sup>