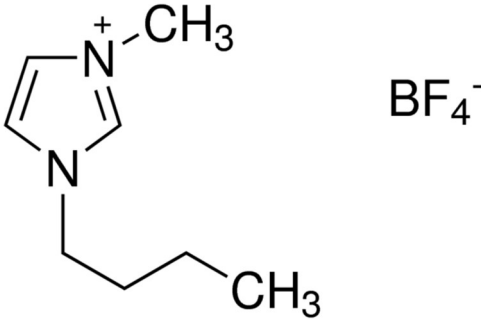


BMIM-BF₄

PI.PS.00203.1000_01

product name	1-Butyl-3-methylimidazolium tetrafluoroborate
chemical structure	
PI product number	00203.1000
molecular weight	226.02 g*mol ⁻¹
molecular formula	C ₈ H ₁₅ N ₂ BF ₄
CAS	174501-65-6
purity	electronic grade
assay BMIM⁺	≥ 98.0%w, HPLC
assay BF₄⁻	≥ 98.0%w, Titration
halides, except fluoride	< 30 ppm _w , IC
assay fluoride	< 2%w, IC
assay H₂O	< 80 ppm _w , Karl Fischer Titration
assay 1-alkylimidazole	< 500 ppm _w , HPLC
aspect	clear liquid, acc. to Ph. Eur. 5.0
color number	< 500, APHA-Hazen-scale
ΔE	> 4.5 V, WE: GC, CE: GC, QRE: Pt; 10mV/s ± 1 mA/cm ²