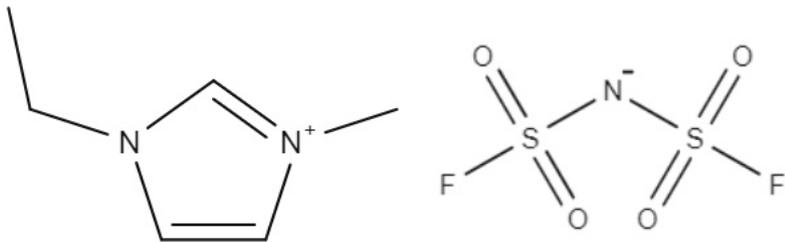


EMIM-FSI

PI.PS.00136.1000_05

product name	1-Ethyl-3-methylimidazolium bis(fluorosulfonyl)imide
chemical structure	
PI product number	00136.1000
molecular weight	291.29 g [*] mol ⁻¹
molecular formula	C ₆ H ₁₁ F ₂ N ₃ O ₄ S ₂
CAS number	235789-75-0
EC number	825-567-9
EChA reference-number	02-2120807989-35-0000
quality	electronic grade
purity	≥ 99.9 %w
identity	structure confirmed, ¹ H, ¹³ C NMR
identity	passed, IR
halides	≤ 10 ppm _w , IC
assay H₂O	≤ 20 ppm _w , coulometric Karl Fischer titration
assay 1-alkylimidazole	≤ 500 ppm _w , HPLC
aspect	clear liquid, acc. to Ph. Eur. 5.0
color number	< 250, APHA-Hazen-scale
ΔE	> 4.5 V, WE: Pt, CE: Pt, RE: W/WO ₃ ; 10mV/s; ± 1 mA/cm ²