

Certificate of Analysis

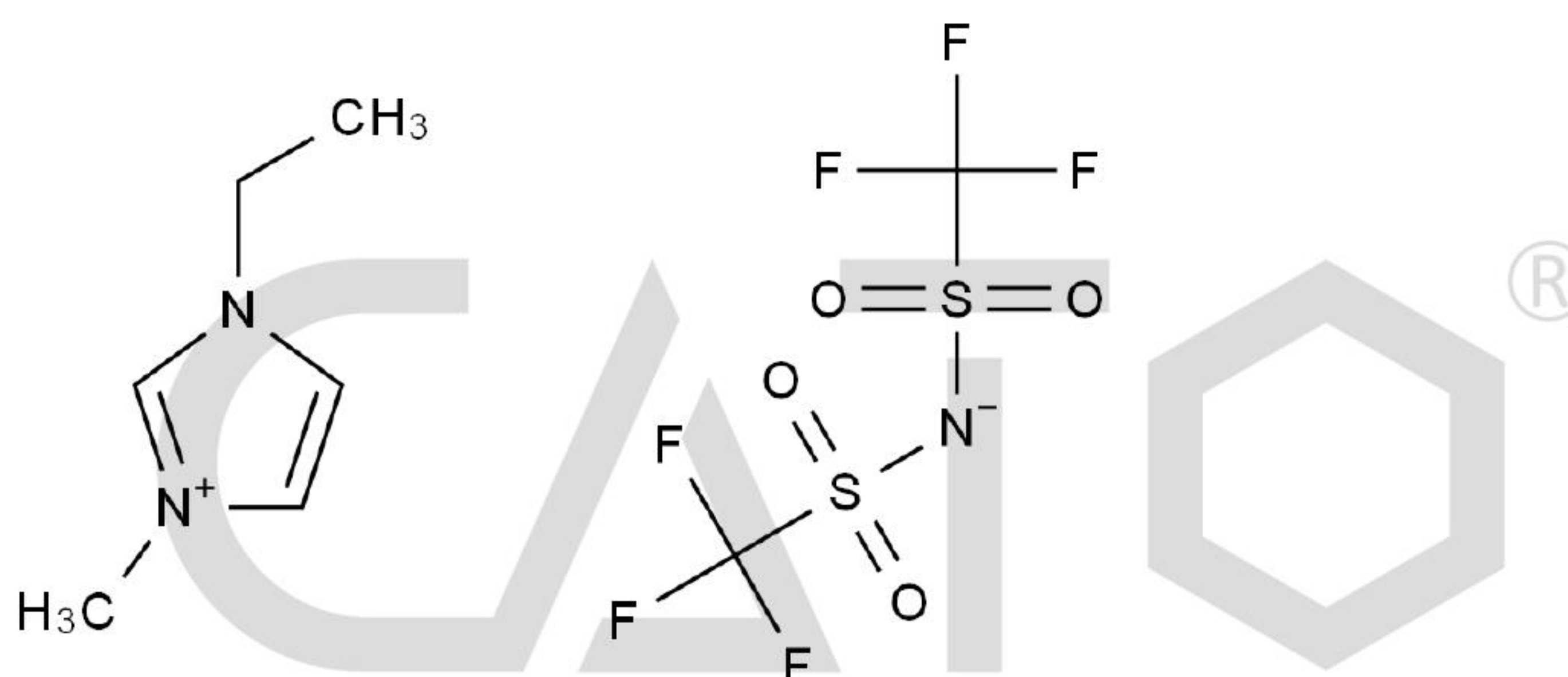
Reference Material & Standard

Product Name:	1-Ethyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imide	Catalogue Number:	CCHM704800
Synonyms:	N/A	Lot Number:	0829-RF-0050
CAS Number:	174899-82-2	Expiry Date:	Sep 02, 2028
Molecular Formula:	C ₂ F ₆ NO ₄ S ₂ C ₆ H ₁₁ N ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	280.15 111.16		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	98.0%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 03, 2024

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

