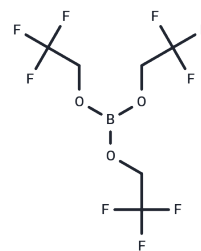


Tris(2,2,2-trifluoroethyl) borate

Chemical Properties

CAS No. :	659-18-7
Formula:	C ₆ H ₆ BF ₉ O ₃
Molecular Weight:	307.91
Appearance:	no data available
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tris(2,2,2-trifluoroethyl) borate (SL 75212) is mostly used in condensation reactions. It has been shown to promote the direct formation of amides from carboxylic acids and amines as well as the formation of imines from amines or amides with carbonyl compounds.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 45 mg/mL (146.15 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2477 mL	16.2385 mL	32.477 mL
5 mM	0.6495 mL	3.2477 mL	6.4954 mL
10 mM	0.3248 mL	1.6239 mL	3.2477 mL
50 mM	0.065 mL	0.3248 mL	0.6495 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Rait JL. Aust N Z J Ophthalmol. 1999, 27(1):57-64.

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