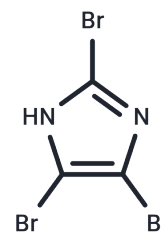


2,4,5-Tribromoimidazole

Chemical Properties

CAS No. :	2034-22-2
Formula:	C ₃ HBr ₃ N ₂
Molecular Weight:	304.77
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	2,4,5-Tribromoimidazole (2,4,5-Tribromo-1H-imidazole) is a marine derived natural products found in Hexaplex trunculus.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (164.06 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	3.2812 mL	16.4058 mL	32.8116 mL
5 mM	0.6562 mL	3.2812 mL	6.5623 mL
10 mM	0.3281 mL	1.6406 mL	3.2812 mL
50 mM	0.0656 mL	0.3281 mL	0.6562 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Lyakurwa FS, Yang X, Li X, Qiao X, Chen J. Development of in silico models for predicting LSER molecular parameters and for acute toxicity prediction to fathead minnow (*Pimephales promelas*). Chemosphere. 2014 Aug; 108:17-25. doi: 10.1016/j.chemosphere.2014.02.076. Epub 2014 Apr 6. PMID: 24875907.

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