

3,5-Dibromo-4-methoxybenzoic acid

Chemical Properties

CAS No. :	4073-35-2
Formula:	C ₈ H ₆ Br ₂ O ₃
Molecular Weight:	309.939
Storage:	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	3,5-Dibromo-4-methoxybenzoic acid was isolated from the Malagasy sponge Amphimedon sp.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60.00 mg/mL (193.59 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	3.2264 mL	16.1322 mL	32.2643 mL
5 mM	0.6453 mL	3.2264 mL	6.4529 mL
10 mM	0.3226 mL	1.6132 mL	3.2264 mL
50 mM	0.0645 mL	0.3226 mL	0.6453 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

Campos P E, et al. Amphimedonoic acid and psammaphysene E, novel brominated alkaloids from Amphimedon sp [J]. Tetrahedron Letters, 2017, 58(40): 3901-3904.

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