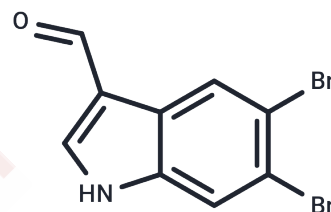


5,6-dibromo-1H-indole-3-carbaldehyde

Chemical Properties

CAS No. :	17900-95-7
Formula:	C ₉ H ₅ Br ₂ NO
Molecular Weight:	302.95
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	5,6-dibromo-1H-indole-3-carbaldehyde is a marine derived natural products found in Smenospongia sp.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (181.55 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	3.3009 mL	16.5044 mL	33.0087 mL
5 mM	0.6602 mL	3.3009 mL	6.6017 mL
10 mM	0.3301 mL	1.6504 mL	3.3009 mL
50 mM	0.066 mL	0.3301 mL	0.6602 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

H. Prawat, C. Mahidol, W. Kaweetripob, S. Wittayalai, S. Ruchirawat, Iodo-sesquiterpene hydroquinone and brominated indole alkaloids from the Thai sponge Smenospongia sp, Tetrahedron 68 (2012) 6881-6886.

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