

Methyl 6-bromo-1H-indole-3-carboxylate

Chemical Properties

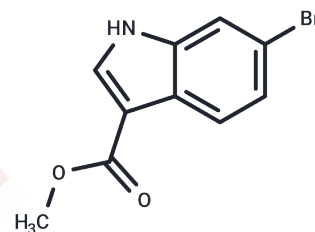
CAS No. : 868656-97-7

Formula: C₁₀H₈BrNO₂

Molecular Weight: 254.08

Storage: Keep away from direct sunlight, Store under nitrogen
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	1H-Indole-3-Carboxylic Acid, 6-Bromo-, Methyl Ester (Methyl 6-bromo-1H-indole-3-carboxylate) is a marine derived natural products found in Smenospongia sp.
Targets(IC50)	Others, Endogenous Metabolite

Solubility Information

Solubility	DMSO: 55 mg/mL (216.47 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	3.9358 mL	19.6788 mL	39.3577 mL
5 mM	0.7872 mL	3.9358 mL	7.8715 mL
10 mM	0.3936 mL	1.9679 mL	3.9358 mL
50 mM	0.0787 mL	0.3936 mL	0.7872 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

Mokhlesi A, Stuhldreier F, Wex KW, Berscheid A, Hartmann R, Rehberg N, Sureechatchaiyan P, Chaidir C, Kassack MU, Kalscheuer R, Brötz-Oesterhelt H, Wesselborg S, Stork B, Daletos G, Proksch P. Cyclic Cystine-Bridged Peptides from the Marine Sponge Clathria basilana Induce Apoptosis in Tumor Cells and Depolarize the Bacterial Cytoplasmic Membrane. J Nat Prod. 2017 Nov 22;80(11):2941-2952. doi: 10.1021/acs.jnatprod.7b00477. Epub 2017 Nov 2. PMID: 29094598.

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