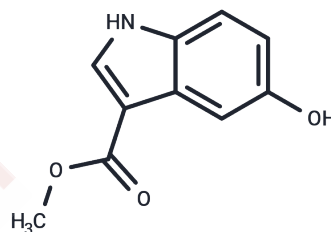


Methyl 5-hydroxy-1H-indole-3-carboxylate

Chemical Properties

CAS No. :	112332-96-4
Formula:	C ₁₀ H ₉ NO ₃
Molecular Weight:	191.18
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	Methyl 5-hydroxy-1H-indole-3-carboxylate (5-hydroxy-1H-indole-3-carboxylic acid methyl ester) is a marine derived natural products found in Hyrtios erectus.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (287.69 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	5.2307 mL	26.1534 mL	52.3067 mL
5 mM	1.0461 mL	5.2307 mL	10.4613 mL
10 mM	0.5231 mL	2.6153 mL	5.2307 mL
50 mM	0.1046 mL	0.5231 mL	1.0461 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

Bagalagel, Alaa A.; Bogari, Hanin A.; Ahmed, Safwat A.; Diri, Reem M.; Elhady, Sameh S.[Heterocycles, 2018, vol. 96, # 4, p. 749 - 756]

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