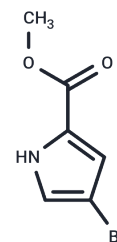


Methyl 4-bromopyrrole-2-carboxylate

Chemical Properties

CAS No. :	934-05-4
Formula:	C ₆ H ₆ BrNO ₂
Molecular Weight:	204.02
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Methyl 4-bromopyrrole-2-carboxylate (4-Bromo-2-(methoxycarbonyl)-1H-pyrrole) is a marine derived natural products found in Lissodendoryx sp.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 45 mg/mL (220.57 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 4 mg/mL (19.61 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9015 mL	24.5074 mL	49.0148 mL
5 mM	0.9803 mL	4.9015 mL	9.803 mL
10 mM	0.4901 mL	2.4507 mL	4.9015 mL
50 mM	0.098 mL	0.4901 mL	0.9803 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

Reddy N S , Ramesh P , Rao T P , et al. Chemical investigation of the Marine sponge Axinella tenuidi gitata[J]. chemical communications, 1999.

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