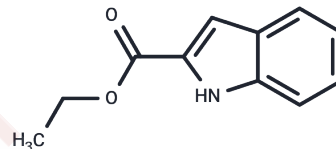


Ethyl indole-2-carboxylate

Chemical Properties

CAS No. :	3770-50-1
Formula:	C ₁₁ H ₁₁ NO ₂
Molecular Weight:	189.21
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	Ethyl indole-2-carboxylate is a indole derivative. Ethyl indole-2-carboxylate inhibits benzodiazepine receptor with IC ₅₀ of 2.2mM.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (290.68 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	5.2851 mL	26.4257 mL	52.8513 mL
5 mM	1.057 mL	5.2851 mL	10.5703 mL
10 mM	0.5285 mL	2.6426 mL	5.2851 mL
50 mM	0.1057 mL	0.5285 mL	1.057 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

Fehske KJ, et al. Inhibition of benzodiazepine receptor binding by several tryptophan ad indole derivatives. Biochem Pharmacol. 1981 Nov 1;30(21):3016-9.

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