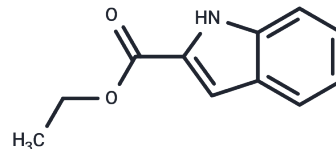


Ethyl indole-2-carboxylate

Chemical Properties

CAS No. :	3770-50-1
Formula:	C ₁₁ H ₁₁ NO ₂
Molecular Weight:	189.21
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Ethyl indole-2-carboxylate is a indole derivative. Ethyl indole-2-carboxylate inhibits bezodiazepine receptor with IC ₅₀ of 2.2mM.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (290.68 mM) (< 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.

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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