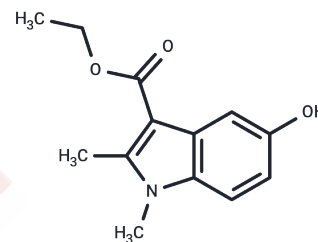


Mecarbinatate

Chemical Properties

CAS No. :	15574-49-9
Formula:	C ₁₃ H ₁₅ NO ₃
Molecular Weight:	233.26
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	Mecarbinatate is an indole derivative with anti-HCV activity and immunomodulatory effects.
Targets(IC50)	HCV Protease

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 40 mg/mL (171.48 mM),Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2871 mL	21.4353 mL	42.8706 mL
5 mM	0.8574 mL	4.2871 mL	8.5741 mL
10 mM	0.4287 mL	2.1435 mL	4.2871 mL
50 mM	0.0857 mL	0.4287 mL	0.8574 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

Shadurskii KS, et al. Farmakol Toksikol. 1983 Mar-Apr;46(2):115-20.

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