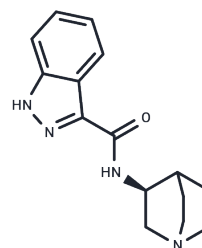


Facinicline (free base)

Chemical Properties

CAS No. :	677306-35-3
Formula:	C ₁₅ H ₁₈ N ₄ O
Molecular Weight:	270.33
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	Facinicline (free base) is a partial agonist of the nicotinic alpha-7 (α 7) receptor. It is used for the oral treatment of Alzheimer's.
Targets(IC50)	Others,5-HT Receptor,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6992 mL	18.4959 mL	36.9918 mL
5 mM	0.7398 mL	3.6992 mL	7.3984 mL
10 mM	0.3699 mL	1.8496 mL	3.6992 mL
50 mM	0.074 mL	0.3699 mL	0.7398 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

Umbricht D, Keefe RS, Murray S, Lowe DA, Porter R, Garibaldi G, Santarelli L. A randomized, placebo-controlled study investigating the nicotinic $\alpha 7$ agonist, RG3487, for cognitive deficits in schizophrenia.

Neuropsychopharmacology. 2014 Jun;39(7):1568-77. doi: 10.1038/npp.2014.17. PubMed PMID: 24549101; PubMed Central PMCID: PMC4023143.

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