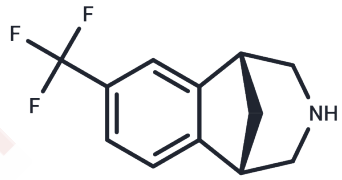
Data Sheet (Cat.No.T31067)

TargetMol

CP-601932

Chemical Properties



CAS No. : 357425-68-4

Formula: C12H12F3N

Molecular Weight: 227.23

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	CP-601932 (free base) is a selective base α(4) β(2) Nicotinic acetylcholine receptor agonist.
Targets(IC50)	Others,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4008 mL	22.0041 mL	44.0083 mL
5 mM	0.8802 mL	4.4008 mL	8.8017 mL
10 mM	0.4401 mL	2.2004 mL	4.4008 mL
50 mM	0.088 mL	0.4401 mL	0.8802 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

Weber ML, Hofland CM, Shaffer CL, Flik G, Cremers T, Hurst RS, Rollema H. Therapeutic doses of antidepressants are projected not to inhibit human α4β2 nicotinic acetylcholine receptors. Neuropharmacology. 2013 Sep;72:88-95. doi: 10.1016/j.neuropharm.2013.04.027. Epub 2013 Apr 30. PubMed PMID: 23639435.

Campion SN, Hurtt ME, Chatman LA, Cappon GD. Toxicity study in juvenile rats with the α4β2 nicotinic acetylcholine receptor partial agonist CP-601,927. Birth Defects Res B Dev Reprod Toxicol. 2011 Aug;92(4):323-32. doi: 10.1002/bdrb.20298. Epub 2011 May 18. PubMed PMID: 21594972.

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