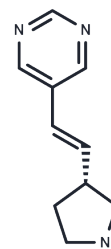


Simpinicline

Chemical Properties

CAS No. :	753015-44-0
Formula:	C10H13N3
Molecular Weight:	175.23
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Simpinicline (OC-02) (OC-02) is a highly selective nicotinic acetylcholine receptor (nAChR) agonist that activates the trigeminal parasympathetic pathway and can be used to treat dry eye.
Targets(IC50)	AChR,Cholinesterase (ChE),SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7068 mL	28.5339 mL	57.0679 mL
5 mM	1.1414 mL	5.7068 mL	11.4136 mL
10 mM	0.5707 mL	2.8534 mL	5.7068 mL
50 mM	0.1141 mL	0.5707 mL	1.1414 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

Quik M, et al. $\alpha\beta 2$ Nicotinic receptors play a role in the nAChR-mediated decline in L-dopa-induced dyskinesias in parkinsonian rats. *Neuropharmacology*. 2013 Aug;71:191-203.

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