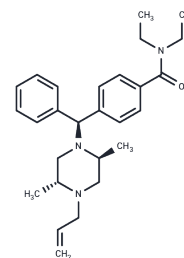


SNC 162

Chemical Properties

CAS No. :	178803-51-5
Formula:	C27H37N3O
Molecular Weight:	419.6
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	SNC 162 is a potent and selective delta-opioid receptor (DOR, δ -opioid) agonist with an IC50 value of 0.94 nM with analgesic, antidepressant and antiarrhythmic effects.
Targets(IC50)	Opioid Receptor

Solubility Information

Solubility	DMSO: 2 mg/mL (4.77 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3832 mL	11.9161 mL	23.8322 mL
5 mM	0.4766 mL	2.3832 mL	4.7664 mL
10 mM	0.2383 mL	1.1916 mL	2.3832 mL
50 mM	0.0477 mL	0.2383 mL	0.4766 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

Banks ML, et al. Selective enhancement of fentanyl-induced antinociception by the delta agonist SNC 162 but not by ketamine in rhesus monkeys: Further evidence supportive of delta agonists as candidate adjuncts to mu opioid analgesics. *Pharmacol Biochem Behav.* 2010 Dec;97(2):205-12.

Jutkiewicz EM, et al. Delta-opioid agonists: differential efficacy and potency of SNC80, its 3-OH (SNC86) and 3-desoxy (SNC 162) derivatives in Sprague-Dawley rats. *J Pharmacol Exp Ther.* 2004 Apr;309(1):173-81.

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