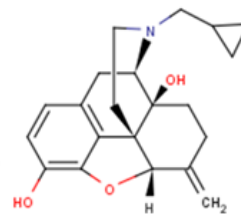


Nalmefene hydrochloride

Chemical Properties

CAS No. :	58895-64-0
Formula:	C ₂₁ H ₂₆ ClNO ₃
Molecular Weight:	375.89
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	Nalmefene antagonizes the effects of opioids by competing for the opioid receptors in the CNS.
Targets(IC50)	Opioid Receptor

Solubility Information

Solubility	DMSO: >10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6604 mL	13.3018 mL	26.6035 mL
5 mM	0.5321 mL	2.6604 mL	5.3207 mL
10 mM	0.266 mL	1.3302 mL	2.6604 mL
50 mM	0.0532 mL	0.266 mL	0.5321 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

Yong Z, et al. Eur J Pharmacol. 2014 Sep 5;738:153-7.

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