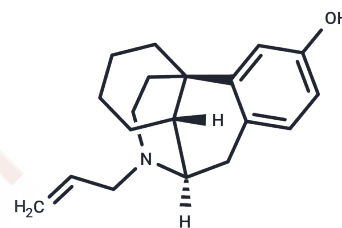


Levallorphan

Chemical Properties

CAS No. :	152-02-3
Formula:	C ₁₉ H ₂₅ NO
Molecular Weight:	283.41
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	Levorphanol (levorphanol tartrate) is an opioid modulator of the Morphan family that acts as an antagonist for μ -opioid receptor (MOR) and an agonist for κ -opioid receptor (KOR).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5285 mL	17.6423 mL	35.2846 mL
5 mM	0.7057 mL	3.5285 mL	7.0569 mL
10 mM	0.3528 mL	1.7642 mL	3.5285 mL
50 mM	0.0706 mL	0.3528 mL	0.7057 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

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Handa N, Matsumoto M, Kitagawa K, Uehara A, Ogawa S, Etani H, Yoneda S, Kimura K, Kamada T. Levallorphan and dynorphin improve motor dysfunction in Mongolian gerbils with unilateral carotid occlusion: the first application of the inclined plane method in the experimental cerebral ischemia. *Life Sci.* 1988;42(19):1825-31. PubMed PMID: 2897055.

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