

## Levallorphan tartrate

## Chemical Properties

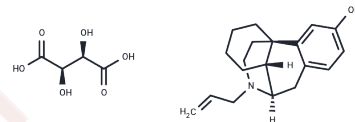
CAS No. : 71-82-9

Formula: C<sub>23</sub>H<sub>31</sub>N<sub>0</sub>O<sub>7</sub>

Molecular Weight: 433.49

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   | Levallorphan tartrate is an opioid antagonist with properties similar to those of NALOXONE. Levallorphan reverses severe opioid-induced respiratory depression but may exacerbate respiratory depression such as that induced by alcohol or other non-opioid central depressants. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.3069 mL | 11.5343 mL | 23.0686 mL |
| 5 mM  | 0.4614 mL | 2.3069 mL  | 4.6137 mL  |
| 10 mM | 0.2307 mL | 1.1534 mL  | 2.3069 mL  |
| 50 mM | 0.0461 mL | 0.2307 mL  | 0.4614 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

MILLER JW, GILFOIL TM, SHIDEMAN FE. The effects of levallorphan tartrate (levo-3-hydroxy-N-allylmorphinan tartrate) on the respiration of rabbits given morphine. J Pharmacol Exp Ther. 1955 Nov;115(3):350-9. PubMed PMID: 13272187.

GRUBER CM Jr. Effect of levallorphan tartrate upon toxicity of morphine. Proc Soc Exp Biol Med. 1955 Feb;88(2):189-91. PubMed PMID: 14357383.

RANKIN J, MEHNERT J, CURRERI AR. Effect of levallorphan tartrate on levorphanol tartrate analgesia in postoperative patients. AMA Arch Surg. 1957 Apr;74(4):602-5. PubMed PMID: 13410340.

SCHNIEDEN H. The effect of levallorphan tartrate and of adiphenine hydrochloride on the antidiuretic action of morphine and nicotine. Br J Pharmacol Chemother. 1960 Dec;15:510-2. PubMed PMID: 13748312; PubMed Central PMCID: PMC1482260.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481