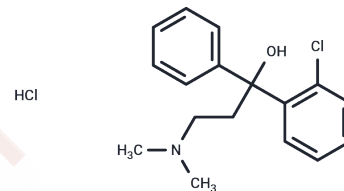


## Chlophedianol Hydrochloride

## Chemical Properties

CAS No. :	511-13-7
Formula:	C <sub>17</sub> H <sub>21</sub> Cl <sub>2</sub> NO
Molecular Weight:	326.26
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	Chlophedianol hydrochloride, a centrally acting cough suppressant, is used in the treatment of dry cough. It has antihistamine and local anesthetic properties, and may have anticholinergic effects at high doses.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: Insoluble, DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.065 mL	15.3252 mL	30.6504 mL
5 mM	0.613 mL	3.065 mL	6.1301 mL
10 mM	0.3065 mL	1.5325 mL	3.065 mL
50 mM	0.0613 mL	0.3065 mL	0.613 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

- Burrows GW, Evertts VL. High performance liquid chromatographic determination of chlophedianol hydrochloride in "jung fei", a complex tablet formulation. J Chromatogr Sci. 1985 Jan;23(1):37-8. PubMed PMID: 3968197.
- Diwan J, Dhand R, Jindal SK, Malik SK, Sharma PL. A comparative randomized double-blind clinical trial of isoaminile citrate and chlophedianol hydrochloride as antitussive agents. Int J Clin Pharmacol Ther Toxicol. 1982 Aug;20(8):373-5. PubMed PMID: 6749701.
- Boyd EM, Boyd CE. Chlophedianol Hydrochloride: A New Antitussive Agent. Can Med Assoc J. 1960 Dec 17;83(25):1298-301. PubMed PMID: 20326564; PubMed Central PMCID: PMC1939025.

**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