

Dyclonine hydrochloride

Chemical Properties

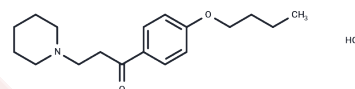
CAS No. : 536-43-6

Formula: C₁₈H₂₇NO₂·HCl

Molecular Weight: 325.87

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Dyclonine hydrochloride (Dyclonine HCl) , an over the counter throat lozenge, is found in Sucrets with local anesthetic effect .
Targets(IC50)	Antibacterial,Antifungal,Sodium Channel

Solubility Information

Solubility	H ₂ O: 6 mg/mL (18.41 mM),Sonication is recommended. Ethanol: 34 mg/mL (104.34 mM),Sonication is recommended. DMSO: 16.67 mg/mL (51.15 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0687 mL	15.3435 mL	30.6871 mL
5 mM	0.6137 mL	3.0687 mL	6.1374 mL
10 mM	0.3069 mL	1.5344 mL	3.0687 mL
50 mM	0.0614 mL	0.3069 mL	0.6137 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.

Reference

Tella SR, Goldberg SR. Pharmacol Biochem Behav. 1998 Feb;59(2):305-12.

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:36 Washington Street,Wellesley Hills,MA 02481