

Etidocaine

Chemical Properties

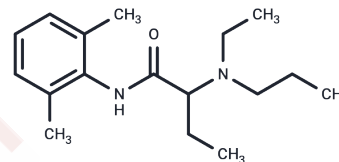
CAS No. : 36637-18-0

Formula: C₁₇H₂₈N₂O

Molecular Weight: 276.42

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	Etidocaine is an amino acidamide that acts as a local anesthetic with fast onset and long-acting properties.
Targets(IC50)	Others,Sodium Channel

Solubility Information

Solubility	DMSO: 50 mg/mL (180.88 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	3.6177 mL	18.0884 mL	36.1768 mL
5 mM	0.7235 mL	3.6177 mL	7.2354 mL
10 mM	0.3618 mL	1.8088 mL	3.6177 mL
50 mM	0.0724 mL	0.3618 mL	0.7235 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

P B Silverman. Cocaine and local anesthetics: stimulant activity in rats with nigral lesions. Psychopharmacology (Berl). 1990;102(2):269-72.

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