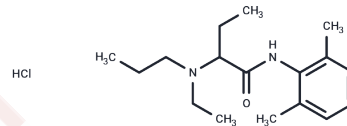


Etidocaine Hydrochloride

Chemical Properties

CAS No. :	36637-19-1
Formula:	C ₁₇ H ₂₉ ClN ₂ O
Molecular Weight:	312.88
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 Hydrochloride (W19053) is a long-acting anesthetic and a blocker of the voltage-gated sodium channel.
Targets(IC50)	Others,Sodium Channel

Solubility Information

Solubility	DMSO: 55 mg/mL (175.79 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	3.1961 mL	15.9806 mL	31.9611 mL
5 mM	0.6392 mL	3.1961 mL	6.3922 mL
10 mM	0.3196 mL	1.5981 mL	3.1961 mL
50 mM	0.0639 mL	0.3196 mL	0.6392 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

Hlava GL, Reinhardt RA, Kalkwarf KL. Etidocaine HCl local anesthetic for periodontal flap surgery. J Periodontol. 1984 Jun;55(6):364-7.

Laskin JL. Use of etidocaine hydrochloride in oral surgery: a clinical study. J Oral Surg. 1978 Nov;36(11):863-5.

Donoghue R, Doberenz K, Jacobsen PL. Etidocaine hydrochloride in surgical procedures: effects on postoperative analgesia. J Am Dent Assoc. 1990 Apr;120(4):429-32, 434.

Sisk AL, Dionne RA, Wirdzek PR. Evaluation of etidocaine hydrochloride for local anesthesia and postoperative pain control in oral surgery. J Oral Maxillofac Surg. 1984 Feb;42(2):84-8.

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