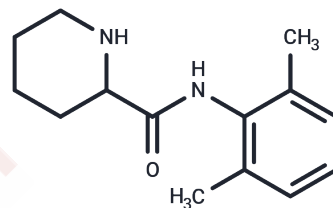


debutylbupivacaine

Chemical Properties

CAS No. :	15883-20-2
Formula:	C ₁₄ H ₂₀ N ₂ O
Molecular Weight:	232.32
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	Debutylbupivacaine is the intermediate of ropivacaine hydrochloride and bupivacaine.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (215.22 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	4.3044 mL	21.522 mL	43.0441 mL
5 mM	0.8609 mL	4.3044 mL	8.6088 mL
10 mM	0.4304 mL	2.1522 mL	4.3044 mL
50 mM	0.0861 mL	0.4304 mL	0.8609 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

Pihlajamäki K, et al. Br J Anaesth. 1990 May;64(5):556-62.

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