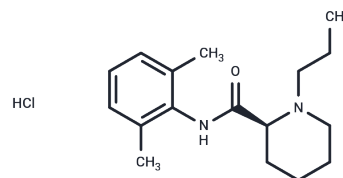


Ropivacaine hydrochloride

Chemical Properties

CAS No. : 98717-15-8
Formula: C₁₇H₂₆N₂O·HCl
Molecular Weight: 310.86
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ropivacaine hydrochloride (Ropivacaine monohydrochloride) is the hydrochloride salt of ropivacaine, a local anesthetic of the amide type with analgesic activity.
Targets(IC50)	Potassium Channel,Sodium Channel

Solubility Information

Solubility	DMSO: 32.5 mg/mL (104.55 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2169 mL	16.0844 mL	32.1688 mL
5 mM	0.6434 mL	3.2169 mL	6.4338 mL
10 mM	0.3217 mL	1.6084 mL	3.2169 mL
50 mM	0.0643 mL	0.3217 mL	0.6434 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

Imming P, et al. Nat Rev Drug Discov. 2006, 5(10):821-34.

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