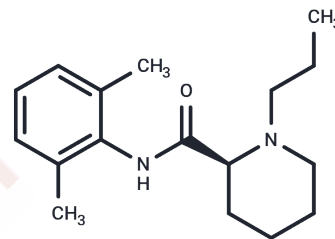


Ropivacaine

Chemical Properties

CAS No. :	84057-95-4
Formula:	C ₁₇ H ₂₆ N ₂ O
Molecular Weight:	274.4
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Ropivacaine (LEA-103 HCl) is a local anaesthetic drug belonging to the amino amide group.
Targets(IC50)	Potassium Channel,Sodium Channel

Solubility Information

Solubility	DMSO: 60 mg/mL (218.66 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6443 mL	18.2216 mL	36.4431 mL
5 mM	0.7289 mL	3.6443 mL	7.2886 mL
10 mM	0.3644 mL	1.8222 mL	3.6443 mL
50 mM	0.0729 mL	0.3644 mL	0.7289 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

Liu BG, et al. Anesth Analg. 2000 May;90(5):1034-8.

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