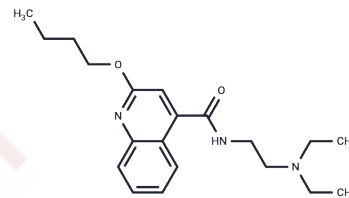


Dibucaine

Chemical Properties

CAS No. :	85-79-0
Formula:	C ₂₀ H ₂₉ N ₃ O ₂
Molecular Weight:	343.46
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Dibucaine (Cinchocaine), a local anesthetic of the amide type, is now usually used for surface anesthesia.
Targets(IC50)	CaMK,AChR,Sodium Channel

Solubility Information

Solubility	DMSO: 55 mg/mL (160.14 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	2.9115 mL	14.5577 mL	29.1155 mL
5 mM	0.5823 mL	2.9115 mL	5.8231 mL
10 mM	0.2912 mL	1.4558 mL	2.9115 mL
50 mM	0.0582 mL	0.2912 mL	0.5823 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

Oka M, et al. Eur J Pharmacol. 2002 Oct 4;452(2):175-81.

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