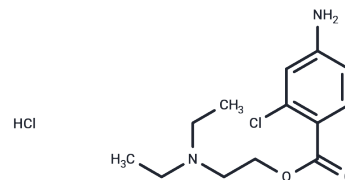


Chloroprocaine hydrochloride

Chemical Properties

CAS No. :	3858-89-7
Formula:	C ₁₃ H ₂₀ Cl ₂ N ₂ O ₂
Molecular Weight:	307.22
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Chloroprocaine hydrochloride (Chloroprocaine HCl) is a local anesthetic during surgical procedures.
Targets(IC50)	ATPase,Others

Solubility Information

Solubility	DMSO: 57 mg/mL (185.5 mM), H ₂ O: 56 mg/mL (182.3 mM), Ethanol: < 1 mg/mL (insoluble or slightly soluble), < 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.255 mL	16.275 mL	32.550 mL
5 mM	0.651 mL	3.255 mL	6.510 mL
10 mM	0.3255 mL	1.6275 mL	3.255 mL
50 mM	0.0651 mL	0.3255 mL	0.651 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

Dolle FA, Dobbs EC.J Am Dent Soc Anesthesiol. 1962 Sep;9(7):156-8.

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