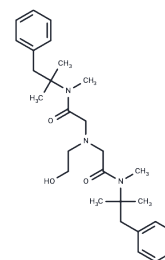


Oxethazaine

Chemical Properties

CAS No. :	126-27-2
Formula:	C ₂₈ H ₄₁ N ₃ O ₃
Molecular Weight:	467.64
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Oxethazaine (Oxetacaine), a topical anesthetic, is used to prevent acid-induced esophageal pain.
Targets(IC50)	HBV,Sodium Channel

Solubility Information

Solubility	DMSO: 50 mg/mL (106.92 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	2.1384 mL	10.692 mL	21.384 mL
5 mM	0.4277 mL	2.1384 mL	4.2768 mL
10 mM	0.2138 mL	1.0692 mL	2.1384 mL
50 mM	0.0428 mL	0.2138 mL	0.4277 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

Lee SY, et al. Pharmacol Biochem Behav. 2013 Apr;105:98-104.

Bao Z, Li A, Lu X, et al. Oxethazaine inhibits esophageal squamous cell carcinoma proliferation and metastasis by targeting aurora kinase A. Cell Death & Disease. 2022, 13(2): 1-11.

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