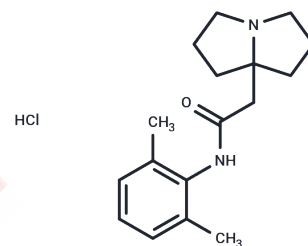


Pilsicainide HCl

Chemical Properties

CAS No. :	88069-49-2
Formula:	C ₁₇ H ₂₅ ClN ₂ O
Molecular Weight:	308.85
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Pilsicainide HCl (SUN 1165) is a pure sodium channel blocker
Targets(IC50)	Sodium Channel

Solubility Information

Solubility	DMSO: 9 mg/mL (29.14 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	3.2378 mL	16.1891 mL	32.3782 mL
5 mM	0.6476 mL	3.2378 mL	6.4756 mL
10 mM	0.3238 mL	1.6189 mL	3.2378 mL
50 mM	0.0648 mL	0.3238 mL	0.6476 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Shiga T , Hashiguchi M , Urae A , et al. Effect of cimetidine and probenecid on pilsicainide renal clearance in humans[J]. Clinical Pharmacology & Therapeutics, 2000, 67.

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