

SB-237376 HCl

Chemical Properties

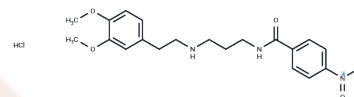
CAS No. : 179258-62-9

Formula: C₂₀H₂₆ClN₃O₅

Molecular Weight: 423.89

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	SB-237376 HCl (SB-237376 hydrochloride) is a calcium and potassium channel antagonist used in the treatment of cardiac arrhythmias.
Targets(IC50)	Others,Calcium Channel,Potassium Channel,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3591 mL	11.7955 mL	23.591 mL
5 mM	0.4718 mL	2.3591 mL	4.7182 mL
10 mM	0.2359 mL	1.1796 mL	2.3591 mL
50 mM	0.0472 mL	0.2359 mL	0.4718 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

Xu X,et al. Electrophysiologic effects of SB-237376: a new antiarrhythmic compound with dual potassium and calcium channel blocking action. J Cardiovasc Pharmacol. 2003 Mar;41(3):414-21.

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