

R 56865

Chemical Properties

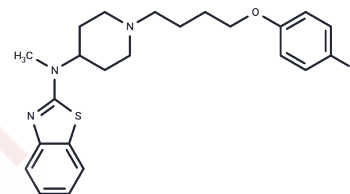
CAS No. : 104606-13-5

Formula: C₂₃H₂₈FN₃O₃

Molecular Weight: 413.55

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	R 56865 is a weak potential-operated channel inhibitor that inhibits the late sodium current in human isolated cardiomyocytes.
Targets(IC50)	Others, Calcium Channel, Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4181 mL	12.0904 mL	24.1809 mL
5 mM	0.4836 mL	2.4181 mL	4.8362 mL
10 mM	0.2418 mL	1.209 mL	2.4181 mL
50 mM	0.0484 mL	0.2418 mL	0.4836 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

Wilhelm D, et al. Characterization of the interaction of R 56865 with cardiac Na⁺- and L-type Ca channels. Br J Pharmacol. 1991 Oct;104(2):483-9.

Pijl AJ, et al. The negative inotropic and chronotropic effects of intravenous R 56865 during percutaneous transluminal coronary angioplasty. Br J Clin Pharmacol. 1995 May;39(5):531-5.

Verscheure Y, et al. Attenuation by R 56865, a novel cytoprotective drug, of regional myocardial ischemia- and reperfusion-induced electrocardiographic disturbances in anesthetized rabbits. J Cardiovasc Pharmacol. 1995 Jan; 25(1):126-33.

Heers C, et al. Differential effect of R 56865 on ouabain binding to isolated sarcolemma and intact atrial tissue of guinea-pig. Br J Pharmacol. 1991 Mar;102(3):675-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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