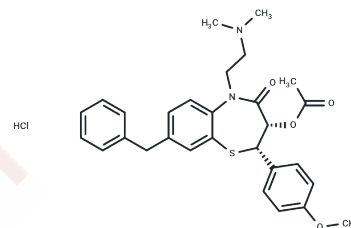


RS 5773

Chemical Properties

CAS No. : 129173-57-5
 Formula: C₂₉H₃₃ClN₂O₄S
 Molecular Weight: 541.1
 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	RS 5773 is a benzothiazepine derivative with antianginal effects.
Targets(IC50)	Others, Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8481 mL	9.2404 mL	18.4809 mL
5 mM	0.3696 mL	1.8481 mL	3.6962 mL
10 mM	0.1848 mL	0.924 mL	1.8481 mL
50 mM	0.037 mL	0.1848 mL	0.3696 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 H, Miyake S, Fukuda N, Yorikane R, Koike H. Antianginal effect of RS-5773, a diltiazem congener, in the methacholine-induced anginal model in rats. *Jpn J Pharmacol.* 1996 Dec;72(4):365-74. PubMed PMID: 9015745.
 Shiga H, Miyake S, Ideka M, Ito Y, Yanagisawa H, Koike H. Pharmacological profile of a novel 1,5-benzothiazepine calcium antagonist. *Arzneimittelforschung.* 1992 May;42(5):617-21. PubMed PMID: 1530673.

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