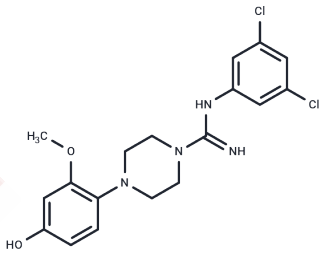
Data Sheet (Cat.No.T26142)

TargetMol

RS 87337

Chemical Properties



CAS No. : 107707-38-0

Formula: C18H20Cl2N4O2

Molecular Weight: 395.28

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 87337 is an antiarrhythmic that is chemically novel with an electrophysiologic profile characteristic of both class III and class Ia compounds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5299 mL	12.6493 mL	25.2985 mL
5 mM	0.506 mL	2.5299 mL	5.0597 mL
10 mM	0.253 mL	1.2649 mL	2.5299 mL
50 mM	0.0506 mL	0.253 mL	0.506 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

Allely MC, Alps BJ. Effects of the novel class Ia and class III antiarrhythmic agent RS-87337 on myocardial conduction in the anaesthetised dog. Arch Int Pharmacodyn Ther. 1988 Sep-Oct;295:138-46. PubMed PMID: 3245729.

Dumez D, Patmore L, Ferrandon P, Allely M, Armstrong JM. Electrophysiologic, antiarrhythmic, and cardioprotective effects of N-[3,5 dichlorophenyl] 4-[4-hydroxy-2-methoxy-phenyl] piperazine carboxamidine dihydrochloride (RS-87337). J Cardiovasc Pharmacol. 1989 Aug;14(2):184-93. PubMed PMID: 2476590.

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