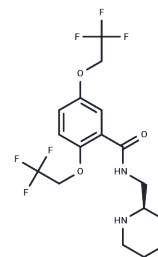


R-(-)-Flecainide

Chemical Properties

CAS No. :	99495-90-6
Formula:	C17H20F6N2O3
Molecular Weight:	414.34
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-(-)-Flecainide is a orally active antiarrhythmic agent that inhibits ventricular ectopic activity [1].
Targets(IC50)	Others
In vivo	R-(-)-Flecainide exhibits inhibitory effects on chloroform-induced ventricular fibrillation in mice, with an ED50 of 14.5 mg/kg, administered orally in single doses ranging from 9-20 mg/kg. It also suppresses ouabain-induced arrhythmias in mongrel dogs when given intravenously at dosages of 1-3 mg/kg, demonstrating no toxicity [1]. [Animal Model: Chloroform-induced ventricular fibrillation in mice [1] Dosage: 9-20 mg/kg Administration: po, single dose Result: Prevented fibrillation.] [Animal Model: Ouabain induced ventricular tachycardia in mongrel dog [1] Dosage: 1-3 mg/kg Administration: iv, single dose Result: Inhibited arrhythmias.]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4135 mL	12.0674 mL	24.1348 mL
5 mM	0.4827 mL	2.4135 mL	4.827 mL
10 mM	0.2413 mL	1.2067 mL	2.4135 mL
50 mM	0.0483 mL	0.2413 mL	0.4827 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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