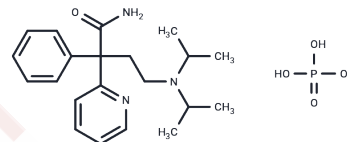


Disopyramide phosphate

Chemical Properties

CAS No. :	22059-60-5
Formula:	C ₂₁ H ₃₂ N ₃ O ₅ P
Molecular Weight:	437.47
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	Disopyramide, a sodium channel blocker in the Class of 1a anti-arrhythmic agent, is used in the treatment of Ventricular Tachycardia. Disopyramide has a negative inotropic effect on the ventricular myocardium, resulting in a significant decrease in contractility.
Targets(IC50)	Others,Potassium Channel,Sodium Channel

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2859 mL	11.4294 mL	22.8587 mL
5 mM	0.4572 mL	2.2859 mL	4.5717 mL
10 mM	0.2286 mL	1.1429 mL	2.2859 mL
50 mM	0.0457 mL	0.2286 mL	0.4572 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

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Tsuchioka Y, Nakagawa H, Yamagata T, Sakura E, Hashimoto M, Okamoto M, Matsuura H, Kajiyama G. [Effects of verapamil and disopyramide phosphate on the termination, reinduction and long-term prevention of paroxysmal supraventricular tachycardia]. *Kokyu To Junkan*. 1990 Mar;38(3):243-8. Japanese. PubMed PMID: 2109870.

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