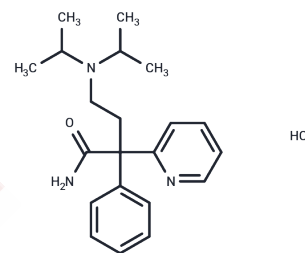


Disopyramide HCl

Chemical Properties

CAS No. :	54687-36-4
Formula:	C ₂₁ H ₃₀ ClN ₃ O
Molecular Weight:	375.94
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 HCl is the salt form of Disopyramide, an antiarrhythmic medication used in the treatment of ventricular tachycardia. It is a sodium channel blocker and therefore classified as a Class 1a anti-arrhythmic agent. Disopyramide has a negative inotropic effect on the ventricular myocardium, significantly decreasing the contractility. Disopyramide also has an anticholinergic effect on the heart which accounts for many adverse side effects. Disopyramide is available in both oral and intravenous forms, and has a low degree of toxicity.
Targets(IC50)	Others,Potassium Channel,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.660 mL	13.300 mL	26.600 mL
5 mM	0.532 mL	2.660 mL	5.320 mL
10 mM	0.266 mL	1.330 mL	2.660 mL
50 mM	0.0532 mL	0.266 mL	0.532 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.

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