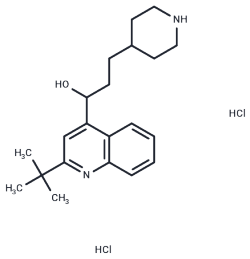
Data Sheet (Cat.No.T204878)

TargetMol

Quinacainol dihydrochloride

Chemical Properties



CAS No. : 83255-74-7

Formula: C21H32Cl2N2O

Molecular Weight: 399.398

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	Quinacainol dihydrochloride (PK 10139 dihydrochloride) is the bis(2 hydrochloride) salt form of Quinacainol. It acts as an inhibitor of the sodium current, with an EC50 of 95 μM. This compound displays antiarrhythmic activity by modulating the electrophysiological properties of the heart.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5038 mL	12.5188 mL	25.0376 mL
5 mM	0.5008 mL	2.5038 mL	5.0075 mL
10 mM	0.2504 mL	1.2519 mL	2.5038 mL
50 mM	0.0501 mL	0.2504 mL	0.5008 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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