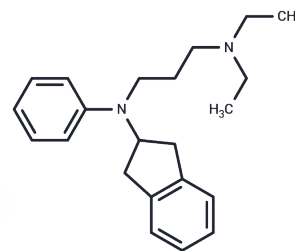


Aprindine

Chemical Properties

CAS No. :	37640-71-4
Formula:	C ₂₂ H ₃₀ N ₂
Molecular Weight:	322.49
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	Aprindine, an arrhythmia inhibitor, stabilizes the cell membranes of heart muscle cells to prevent abnormal electrical impulses and irregular heartbeats. In hematological toxicity studies, aprindine demonstrated potential inhibitory effects on the replicative capacity of mouse and human blood cells at specific concentrations [1].
Targets(IC50)	CaMK,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1009 mL	15.5044 mL	31.0087 mL
5 mM	0.6202 mL	3.1009 mL	6.2017 mL
10 mM	0.3101 mL	1.5504 mL	3.1009 mL
50 mM	0.062 mL	0.3101 mL	0.6202 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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