Product Data Sheet

Product Name: Aprindine
Cat. No.: GC74181

Chemical Properties

Cas. No.	37640-71-4		
Formula	$C_{22}H_{30}N_2$	M.Wt	322.49
Solubility	DMSO : 100 mg/mL (310.09 mM; Need ultrasonic)	Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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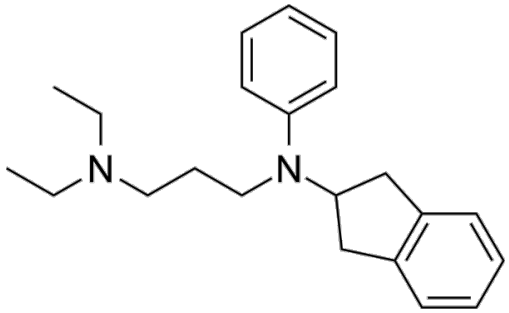
Structure



Background

Aprindine is an arrthmia inhibitor that stabilizes the cell membranes of heart muscle cells, thereby preventing abnormal electrical impulses from causing irregular heartbeats. In hematological toxicity studies, aprindine showed potential inhibitory effects on the replicative capacity of mouse and human blood cells at certain concentrations.

References:

[1]. Stryckmans P A, Ronge-Collard E, Delforge A, et al. Effect of 2 Anti-Arrthmic Drugs Aprindine and Moxaprindine on the Replication Capacity of Murine and Human Haemopoietic Cells[J]. Scandinavian journal of haematology, 1982, 29(4): 331-337.

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