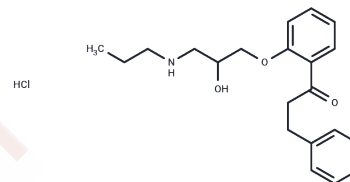


## Propafenone hydrochloride

## Chemical Properties

CAS No. :	34183-22-7
Formula:	C <sub>21</sub> H <sub>27</sub> NO <sub>3</sub> ·HCl
Molecular Weight:	377.9
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Propafenone hydrochloride (Arythmol8) is a classic anti-arrhythmic medication, which treats illnesses associated with rapid heartbeats such as atrial and ventricular arrhythmias.
Targets(IC50)	Sodium Channel

## Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 64 mg/mL (169.36 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6462 mL	13.231 mL	26.462 mL
5 mM	0.5292 mL	2.6462 mL	5.2924 mL
10 mM	0.2646 mL	1.3231 mL	2.6462 mL
50 mM	0.0529 mL	0.2646 mL	0.5292 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.

## Reference

Harron DW, et al. A review of its pharmacodynamic and pharmacokinetic properties, and therapeutic use in the treatment of arrhythmias. *Drugs*. 1987 Dec;34(6):617-47.

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