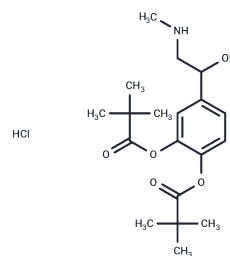


## Dipivefrin hydrochloride

## Chemical Properties

CAS No. :	64019-93-8
Formula:	C <sub>19</sub> H <sub>27</sub> NO <sub>5</sub> ·HCl
Molecular Weight:	387.9
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Dipivefrin hydrochloride (Dipivefrin HCl) that is available as an ophthalmic solution is a prodrug of adrenaline, which is used to treat glaucoma.
Targets(IC50)	Adrenergic Receptor, AChR

## Solubility Information

Solubility	DMSO: 50 mg/mL (128.9 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	2.578 mL	12.8899 mL	25.7798 mL
5 mM	0.5156 mL	2.578 mL	5.156 mL
10 mM	0.2578 mL	1.289 mL	2.578 mL
50 mM	0.0516 mL	0.2578 mL	0.5156 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

Nakamura M, et al. Ophthalmic Res. 1993;25(1):46-51.

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