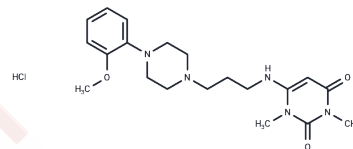


Urapidil hydrochloride

Chemical Properties

CAS No. : 64887-14-5
 Formula: C₂₀H₂₉N₅O₃·HCl
 Molecular Weight: 423.94
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Urapidil hydrochloride (Urapidil HCl) is 5-HT _{1A} receptor agonist and an α ₁ -adrenoceptor antagonist.
Targets(IC ₅₀)	5-HT Receptor, Adrenergic Receptor

Solubility Information

Solubility	DMSO: 8.33 mg/mL (19.66 mM), Sonication is recommended. H ₂ O: 200.5 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	2.3588 mL	11.7941 mL	23.5882 mL
5 mM	0.4718 mL	2.3588 mL	4.7176 mL
10 mM	0.2359 mL	1.1794 mL	2.3588 mL
50 mM	0.0472 mL	0.2359 mL	0.4718 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

Luchini L, et al. Minerva Anesthesiol. 1991 Sep;57(9):702-3.

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