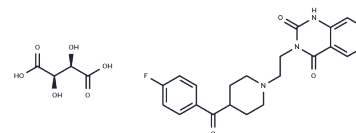


Ketanserin tartrate

Chemical Properties

CAS No. : 83846-83-7
Formula: C₂₆H₂₈FN₃O₉
Molecular Weight: 545.51
Appearance: no data available
Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ketanserin tartrate (KJK-945 tartrate) is a 5-HT _{2A} receptor and α 1-adrenergic receptor antagonist with antihypertensive activity, inhibits serotonin-induced vasoconstriction and platelet activation, and can be used in the study of systemic sclerosis.
Targets(IC ₅₀)	5-HT Receptor,Serotonin Transporter,Adrenergic Receptor

Solubility Information

Solubility	DMSO: 15 mg/mL (27.50 mM),Sonication is recommended. H ₂ O: < 0.1 mg/mL (insoluble.) < 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8331 mL	9.1657 mL	18.3315 mL
5 mM	0.3666 mL	1.8331 mL	3.6663 mL
10 mM	0.1833 mL	0.9166 mL	1.8331 mL
50 mM	0.0367 mL	0.1833 mL	0.3666 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

Tang Q, et al. The 5-HT₂ antagonist Ketanserin is an open channel blocker of human cardiac ether-à-go-go-related gene (hERG) potassium channels. Br J Pharmacol. 2008 Oct;155(3):365-73.

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