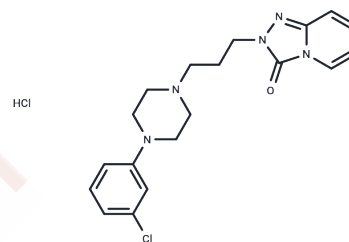


Trazodone hydrochloride

Chemical Properties

CAS No. :	25332-39-2
Formula:	C ₁₉ H ₂₃ Cl ₂ N ₅ O
Molecular Weight:	408.33
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Trazodone hydrochloride (Trazodone HCl) is a serotonin uptake inhibitor that is used as an antidepressive agent. It has been shown to be effective in patients with major depressive disorders and other subsets of depressive disorders. It is generally more useful in depressive disorders associated with insomnia and anxiety.
Targets(IC50)	5-HT Receptor, Adrenergic Receptor, Histamine Receptor

Solubility Information

Solubility	H ₂ O: 8.2 mg/mL (20.08 mM), Sonication is recommended. DMSO: 20 mg/mL (48.98 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	2.449 mL	12.245 mL	24.490 mL
5 mM	0.4898 mL	2.449 mL	4.898 mL
10 mM	0.2449 mL	1.2245 mL	2.449 mL
50 mM	0.049 mL	0.2449 mL	0.4898 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

Marcoli M, et al. J Pharmacol Exp Ther. 2001 Dec; 299(3):1106-11.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481