

Tolnapersine TFA

Chemical Properties

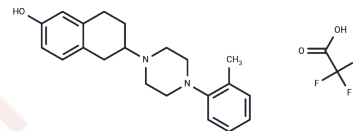
CAS No. :

Formula: C₂₃H₂₇F₃N₂O₃

Molecular Weight: 436.47

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Tolnapersine TFA is a mixed dopamine agonist and alpha adrenergic receptor antagonist.
Targets(IC50)	Adrenergic Receptor,Dopamine Receptor

Solubility Information

Solubility	DMSO: 45 mg/mL (103.1 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	2.2911 mL	11.4555 mL	22.9111 mL
5 mM	0.4582 mL	2.2911 mL	4.5822 mL
10 mM	0.2291 mL	1.1456 mL	2.2911 mL
50 mM	0.0458 mL	0.2291 mL	0.4582 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Bateman DN. Studies on the pharmacological control of gastric emptying in man. Br J Clin Pharmacol. 1985;20(4): 339-344.

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