

SR 142948

Chemical Properties

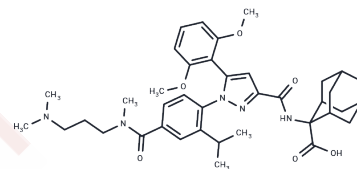
CAS No. : 184162-64-9

Formula: C₃₉H₅₁N₅O₆

Molecular Weight: 685.85

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	SR 142948 is a neurotensin (NT) receptor antagonist.
Targets(IC50)	Neurotensin Receptor
In vitro	SR 142948 is an original and extremely potent neurotensin receptor antagonist developed in a promising approach to novel antipsychotic drugs.

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.458 mL	7.2902 mL	14.5804 mL
5 mM	0.2916 mL	1.458 mL	2.9161 mL
10 mM	0.1458 mL	0.729 mL	1.458 mL
50 mM	0.0292 mL	0.1458 mL	0.2916 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

L Quéré, Longfils G, Boigegrain R, et al. X-ray structural characterization of SR 142948, a novel potent synthetic neurotensin receptor antagonist[J]. Bioorganic & Medicinal Chemistry Letters, 1998, 8(6):653-658.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481