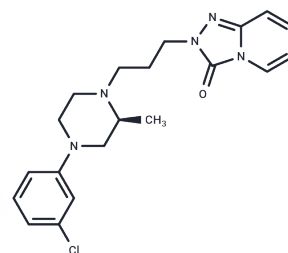


α 1 adrenoceptor-MO-1

Chemical Properties

CAS No. :	161905-64-2
Formula:	C ₂₀ H ₂₄ ClN ₅ O
Molecular Weight:	385.89
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	α 1 adrenoceptor-MO-1 (S enantiomer) has affinity at alpha 1 adrenergic receptor with alphalytic activity and analgesic action. It has more active than R enantiomer.
Targets(IC50)	Others,Adrenergic Receptor
In vitro	The S enantiomer of α 1 adrenoceptor-MO-1 exhibits higher activity compared to the R enantiomer[1].

Solubility Information

Solubility	DMSO: 50 mg/mL (129.57 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	2.5914 mL	12.9571 mL	25.9141 mL
5 mM	0.5183 mL	2.5914 mL	5.1828 mL
10 mM	0.2591 mL	1.2957 mL	2.5914 mL
50 mM	0.0518 mL	0.2591 mL	0.5183 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

Pharmacologically active enantiomers. WO 1995001354 A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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