Data Sheet (Cat.No.T12172)

TargetMol

NAN-190 hydrobromide

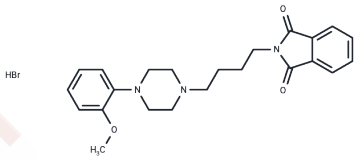
Chemical Properties

CAS No. : 115338-32-4

Formula: C23H28BrN3O3

Molecular Weight: 474.39

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	NAN-190 hydrobromide is an antagonist of serotonin receptor 5-HT.
Targets(IC50)	5-HT Receptor

Solubility Information

Solubility	DMSO: 8.33 mg/mL (17.56 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.11 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.108 mL	10.5399 mL	21.0797 mL
5 mM	0.4216 mL	2.108 mL	4.2159 mL
10 mM	0.2108 mL	1.054 mL	2.108 mL
50 mM	0.0422 mL	0.2108 mL	0.4216 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

Shahane SA, et al. Detection of phospholipidosis induction: a cell-based assay in high-throughput and high-content format. J Biomol Screen. 2014 Jan;19(1):66-76.
Sharifi H, et al. Dose-Dependent Effect of Flouxetine on 6-OHDA-Induced Catalepsy in Male Rats: A Possible Involvement of 5-HT1A Receptors. Adv Pharm Bull. 2013;3(1):203-6.
Citó MC, et al. Antidepressant-like effect of Hoodia gordonii in a forced swimming test in mice: evidence for involvement of the monoaminergic system. Braz J Med Biol Res. 2015 Jan;48(1):57-64.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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