

PSB-1491

Chemical Properties

CAS No. : 1619884-67-1

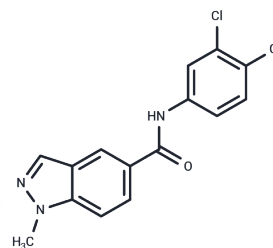
Formula: C₁₅H₁₁Cl₂N₃O

Molecular Weight: 320.17

Store at low temperature

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	PSB-1491 is a selective and competitive monoamine oxidase B inhibitor with an IC ₅₀ of 0.386 nM, demonstrating over 25,000-fold selectivity compared to MAO-A.
Targets(IC ₅₀)	MAO, Monoamine Oxidase

Solubility Information

Solubility	DMSO: 50 mg/mL (156.17 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1233 mL	15.6167 mL	31.2334 mL
5 mM	0.6247 mL	3.1233 mL	6.2467 mL
10 mM	0.3123 mL	1.5617 mL	3.1233 mL
50 mM	0.0625 mL	0.3123 mL	0.6247 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

Tzvetkov NT, Hinz S, Küppers P, Gastreich M, Müller CE. Indazole- and indole-5-carboxamides: selective and reversible monoamine oxidase B inhibitors with subnanomolar potency. J Med Chem. 2014 Aug 14;57(15):6679-703. doi: 10.1021/jm500729a. Epub 2014 Jul 16. PubMed PMID: 24955776.

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