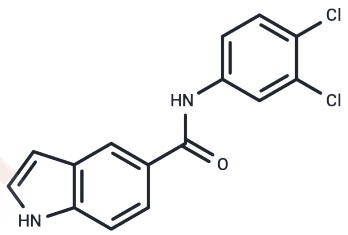
Data Sheet (Cat.No.T24678)

TargetMol

PSB-1410

Chemical Properties



CAS No. : 1494477-03-0

Formula: C15H10Cl2N2O

Molecular Weight: 305.16

Storage: Store at low temperature
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-1410 is a selective and highly efficient monoamine oxidase B (MAO-B) inhibitor, which can be used in research on neurological diseases.
Targets(IC50)	MAO,Monoamine Oxidase
In vitro	PSB-1410 is a competitive and selective monoamine oxidase B (MAO-B) inhibitor with IC50 values of 0.23 nM and 1.01 nM for human MAO-B and rat MAO-B, respectively. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.277 mL	16.3848 mL	32.7697 mL
5 mM	0.6554 mL	3.277 mL	6.5539 mL
10 mM	0.3277 mL	1.6385 mL	3.277 mL
50 mM	0.0655 mL	0.3277 mL	0.6554 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, et al. 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.

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