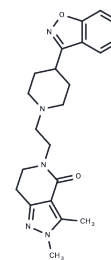


## 5-HT1A agonist 1

## Chemical Properties

CAS No. :	2410053-15-3
Formula:	C22H27N5O2
Molecular Weight:	393.48
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	5-HT1A agonist 1 (Compound Ex.37) is a highly selective 5-HT1A receptor agonist with an EC50 of 0.18 nM. This compound mimics serotonin binding to receptors, promoting postsynaptic membrane depolarization, inhibiting excessive neuronal excitability, and reducing the release of neurotransmitters associated with anxiety. 5-HT1A agonist 1 holds potential for research in neuropsychiatric disorders.
Targets(IC50)	5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5414 mL	12.7071 mL	25.4143 mL
5 mM	0.5083 mL	2.5414 mL	5.0829 mL
10 mM	0.2541 mL	1.2707 mL	2.5414 mL
50 mM	0.0508 mL	0.2541 mL	0.5083 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.

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