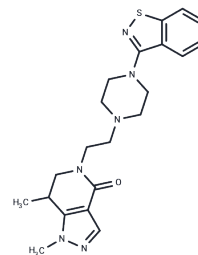


5-HT1AR agonist 3

Chemical Properties

CAS No. :	2410053-55-1
Formula:	C ₂₁ H ₂₆ N ₆ O ₅
Molecular Weight:	410.54
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-HT1AR agonist 3 (Compound 77) is a 5-HT1A receptor agonist that exhibits receptor activation activity with an EC ₅₀ of 1.3 nM. It primarily functions by activating the 5-HT1A receptor and can be utilized in research related to neuropsychiatric conditions, such as anxiety, depression, and sleep disorders.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4358 mL	12.1791 mL	24.3582 mL
5 mM	0.4872 mL	2.4358 mL	4.8716 mL
10 mM	0.2436 mL	1.2179 mL	2.4358 mL
50 mM	0.0487 mL	0.2436 mL	0.4872 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