

SBI-810

## Chemical Properties

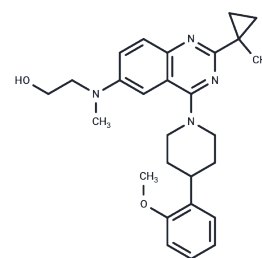
CAS No. : 1849603-79-7

Formula: C<sub>27</sub>H<sub>34</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 446.59

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	SBI-810 is a functional selective $\beta$ -arrestin-biased allosteric modulator of the neurotensin receptor 1 (NTSR1). In the presence of the endogenous ligand neurotensin (NT), SBI-810 regulates NTSR1 signaling through a G protein-specific mechanism. It fully antagonizes NT-induced Gq activation and partially antagonizes NT-induced Gi1 activation, allowing NTSR1 to activate GoA and G12.
Targets(IC50)	Neurotensin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2392 mL	11.196 mL	22.3919 mL
5 mM	0.4478 mL	2.2392 mL	4.4784 mL
10 mM	0.2239 mL	1.1196 mL	2.2392 mL
50 mM	0.0448 mL	0.2239 mL	0.4478 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