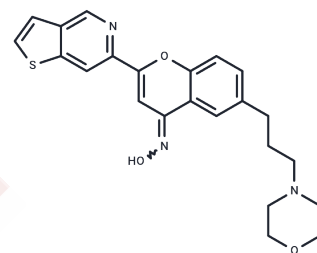


## Foliglurax

## Chemical Properties

CAS No. :	1883329-51-8
Formula:	C <sub>23</sub> H <sub>23</sub> N <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	421.51
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	Foliglurax is a highly selective brain-penetrant metabotropic glutamate receptor 4 positive allosteric modulator (mGluR4 PAM) (EC <sub>50</sub> : 79 nM).
Targets(IC <sub>50</sub> )	GluR
In vitro	Foliglurax is a highly selective and potent mGlu4 receptor PAM. It has a marked brain-penetrance feature, which might revolutionize the field of mGlu4 receptor drug targeting in CNS disorders [2].

## Solubility Information

Solubility	DMSO: 5.2 mg/mL (12.34 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3724 mL	11.8621 mL	23.7242 mL
5 mM	0.4745 mL	2.3724 mL	4.7448 mL
10 mM	0.2372 mL	1.1862 mL	2.3724 mL
50 mM	0.0474 mL	0.2372 mL	0.4745 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

Charvin D, et al. Discovery, Structure-Activity Relationship, and Antiparkinsonian Effect of a Potent and Brain-Penetrant Chemical Series of Positive Allosteric Modulators of Metabotropic Glutamate Receptor 4. *J Med Chem.* 2017 Oct 26;60(20):8515-8537.

Volpi C, et al. Opportunities and challenges in drug discovery targeting metabotropic glutamate receptor 4. *Expert Opin Drug Discov.* 2018 May;13(5):411-423.

**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