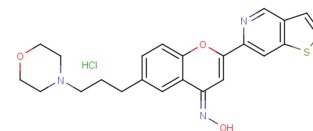


Foliglurax monohydrochloride

Chemical Properties

CAS No.:	2133294-96-7
Formula:	C ₂₃ H ₂₄ ClN ₃ O ₃ S
Molecular Weight:	457.97
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Foliglurax monohydrochloride Antiparkinsonian effect. is a highly selective and potent, brain-penetrant metabotropic glutamate receptor 4 positive allosteric modulator (mGluR4 PAM) , with an EC ₅₀ of 79 nM.
Targets(IC ₅₀)	mGlu4: 79 nM (EC ₅₀)
In vitro	Foliglurax, might revolutionize the field of mGlu4 receptor drug targeting in CNS disorders.a highly selective and potent mGlu4 receptor PAM with a marked brain-penetrance feature.

Solubility Information

Solubility	DMSO: 5 mg/mL (10.92 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.184 mL	10.918 mL	21.835 mL
5 mM	0.437 mL	2.184 mL	4.367 mL
10 mM	0.218 mL	1.092 mL	2.184 mL
50 mM	0.044 mL	0.218 mL	0.437 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

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.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481