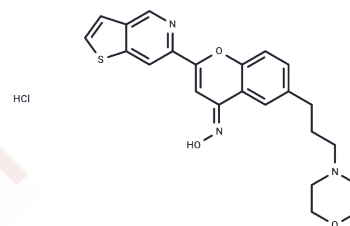


## Foliglurax monohydrochloride

## Chemical Properties

CAS No. :	2133294-96-7
Formula:	C <sub>23</sub> H <sub>24</sub> ClN <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	457.97
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 monohydrochloride Antiparkinsonian effect. is a highly selective and potent, brain-penetrant metabotropic glutamate receptor 4 positive allosteric modulator (mGluR4 PAM) , with an EC <sub>50</sub> of 79 nM.
Targets(IC <sub>50</sub> )	Others,GluR
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-penetance feature.

## Solubility Information

Solubility	DMSO: 5 mg/mL (10.92 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1835 mL	10.9177 mL	21.8355 mL
5 mM	0.4367 mL	2.1835 mL	4.3671 mL
10 mM	0.2184 mL	1.0918 mL	2.1835 mL
50 mM	0.0437 mL	0.2184 mL	0.4367 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.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481