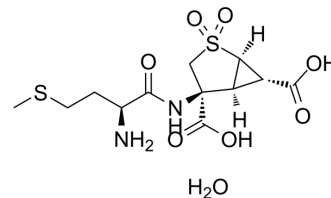


Pomaglumedad methionil

Cat. No.:	HY-105040
CAS No.:	956385-05-0
Molecular Formula:	C ₁₂ H ₂₀ N ₂ O ₈ S ₂
Molecular Weight:	384.43
Target:	mGluR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pomaglumedad methionil (LY2140023 hydrate) is an oral methionine prodrug of the potent specific mGlu _{2/3} receptor agonist LY404039 (HY-50906). Pomaglumedad methionil is well-tolerated and has a distinct safety profile, and can be used for schizophrenia ^{[1][2]} .	
IC₅₀ & Target	mGluR2	mGluR3

REFERENCES

[1]. Lowe S, et al. Effects of a novel mGlu_{2/3} receptor agonist prodrug, LY2140023 monohydrate, on central monoamine turnover as determined in human and rat cerebrospinal fluid. *Psychopharmacology (Berl)*. 2012 Feb;219(4):959-70.

[2]. Y Anne Pak, et al. In Vitro and Clinical Evaluations of the Drug-Drug Interaction Potential of a Metabotropic Glutamate 2/3 Receptor Agonist Prodrug with Intestinal Peptide Transporter 1. *Drug Metab Dispos*. 2017 Feb;45(2):137-144.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA