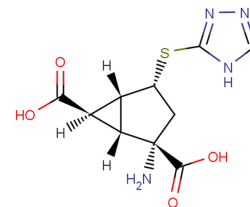


LY2812223

**Chemical Properties**

CAS No.:	1311385-20-2
Formula:	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>4</sub> S
Molecular Weight:	284.29
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	LY2812223 is a highly effective and functionally selective mGlu2 receptor agonist. It has a mGlu2 binding affinity for mGlu2 and mGlu3 (K <sub>i</sub> =144 nM and 156 nM, respectively).
Targets(IC <sub>50</sub> )	mGluR2: 144 nM (k <sub>i</sub> ) mGluR3: 156 nM (k <sub>i</sub> )

**Solubility Information**

Solubility	H <sub>2</sub> O: 50 mg/mL (175.88 mM) DMSO: 28.75 mg/mL (101.13 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.518 mL	17.588 mL	35.175 mL
5 mM	0.704 mL	3.518 mL	7.035 mL
10 mM	0.352 mL	1.759 mL	3.518 mL
50 mM	0.07 mL	0.352 mL	0.704 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

1. Monn JA, et al. Synthesis and Pharmacological Characterization of C4-(Thiotriazolyl)-substituted-2-aminobicyclo[3.1.0]hexane-2,6-dicarboxylates. Identification of (1R,2S,4R,5R,6R)-2-Amino-4-(1H-1,2,4-triazol-3-ylsulfanyl)bicyclo[3.1.0]hexane-2,6-dicarboxylic Acid (LY2812223), a Highly Potent, Functionally Selective mGlu2 Receptor Agonist. J Med Chem. 2015 Sep 24;58(18):7526-48.

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](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481