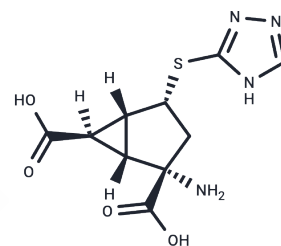


LY2812223

Chemical Properties

CAS No. : 1311385-20-2
 Formula: C₁₀H₁₂N₄O₄S
 Molecular Weight: 284.29
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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 _i =144 nM and 156 nM, respectively).
Targets(IC ₅₀)	LIM Kinase

Solubility Information

Solubility	H ₂ O: 50 mg/mL (175.88 mM), Sonication is recommended. DMSO: 28.75 mg/mL (101.13 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	3.5175 mL	17.5877 mL	35.1753 mL
5 mM	0.7035 mL	3.5175 mL	7.0351 mL
10 mM	0.3518 mL	1.7588 mL	3.5175 mL
50 mM	0.0704 mL	0.3518 mL	0.7035 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.

Reference

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.

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