

Product Data Sheet

Product Name: LY2812223

Cat. No.: GC36506

Chemical Properties

Cas. No. 1311385-20-2

SMILES [H][C@]1(C(O)=O)[C@]([C@]1([H])[C@](N)(C(O)=O)C2)([H])[C@@H]2SC3=NN=CN3

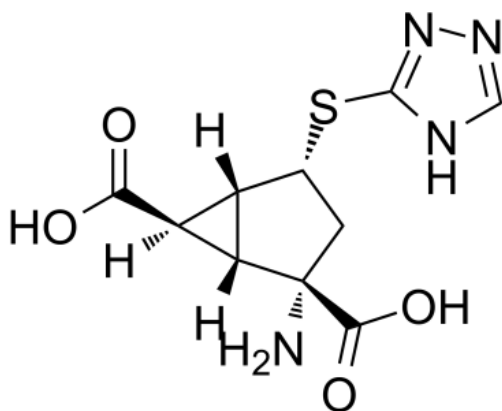
Formula $C_{10}H_{12}N_4O_4S$ M.Wt 284.29

Solubility Water: 50 mg/mL (175.88 mM); Storage Store at -20°C
DMSO: 28.75 mg/mL (101.13 mM)

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

LY2812223 is a highly potent, functionally selective mGlu2 receptor agonist with mGlu2 binding affinity for mGlu2 and mGlu3 ($K_i=144$ nM and 156 nM, respectively)[1]. mGluR2|144 nM (K_i)|mGluR3|156 nM (K_i)

[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-

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA