



Product Information

LY2812223

Cat. No.: X23-12-YM1325

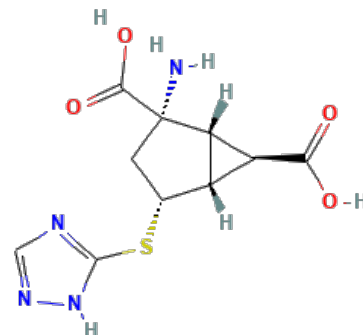
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1311385-20-2

Compound CID: 53240406

Synonym: 1311385-20-2; LY 2812223; LY-2812223

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	LY2812223 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets mGluR2, and mGluR3.
Molecular Weight	284.29
Molecular Formula	C ₁₀ H ₁₂ N ₄ O ₄ S
Targets	mGluR2: 144 nM; mGluR3: 156 nM
IUPAC Name	(1R,2S,4R,5R,6R)-2-Amino-4-(1H-1,2,4-triazol-5-ylsulfanyl)bicyclo[3.1.0]hexane-2,6-dicarboxylic acid
InChI	InChI=1S/C10H12N4O4S/c11-10(8(17)18)1-3(19-9-12-2-13-14-9)4-5(6(4)10)7(15)16/h2-6H,1,11H2,(H,15,16)(H,17,18)(H,12,13,14)/t3-,4+,5+,6+,10+/m1/s1
InChI Key	YSOWRGMLMZQSBX-AVUIYAGVSA-N
Canonical SMILES	C1C(C2C(C2C1(C(=O)O)N)C(=O)O)SC3=NC=NN3
Isomeric SMILES	C1[C@H]([C@H]2[C@@H]([C@H]2[C@@]1(C(=O)O)N)C(=O)O)SC3=NC=NN3
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	LY2812223 can be used for its ability to mitigate neurotoxicity and preserve neuronal function.
Storage	Store at -20°C, and keep desiccated.