

Topiramate

Catalog No: #S0675

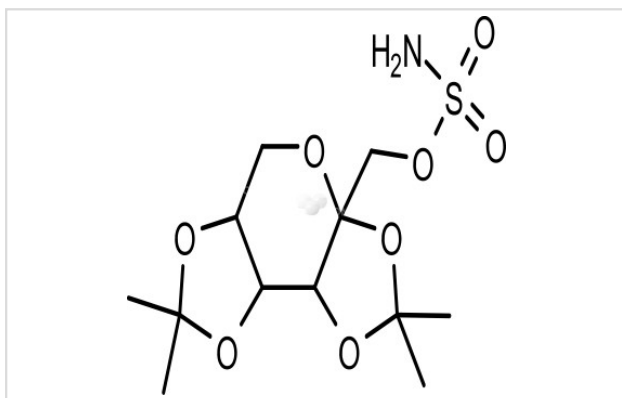
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Description

Product Name	Topiramate
Brief Description	Inhibitors
Purification	99.00%
Target Name	Carbonic Anhydrase inhibitor; GABA Receptor antagonist; GluR antagonist
Calculated MW	339.36
Formulation	C12H21NO8S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: CC1(O[C@@H]2CO[C@@]3([C@H]([C@@H]2O1)OC(O3)C)C)COS(=O)(=O)N
 Pathways: Membrane transporter/Ion channel; Metabolism; Neuroscience
 Receptor: Carbonic anhydrase; GABAR; mGluR5
 Boiling pt: 438.7°C
 Melting pt: 125°C
 Solubility: Ethanol: 68 mg/mL (200.37 mM); DMSO: 68 mg/mL (200.37 mM)
 Appearance: White Powder
 Remark: 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.

References

1. Nowakowska E, et al. *Arzneimittelforschung*. 2009;59(10):487-92.

Note: This product is for in vitro research use only