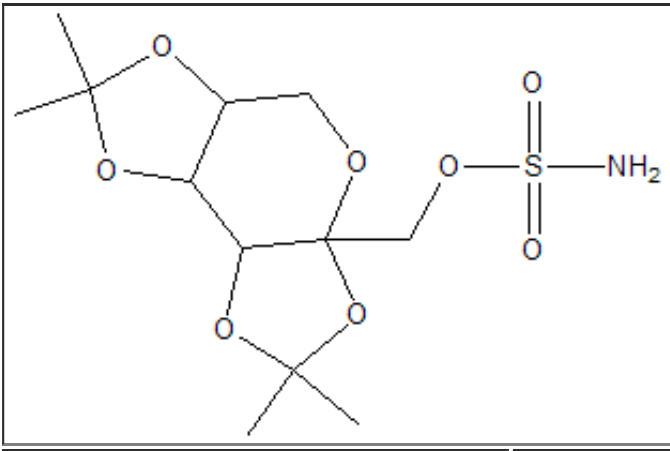


Records found: 1

Compound: Topiramate							
							
CAS:		97240-79-4					
Category:		Central Nervous System Agents					
Subcategory:		Anticonvulsants					
Formula:		C12 H21 N O8 S					
Molecular Weight:		339.36					
SMILES:		[H][C@@]12CO[C@@]3(COS(N)(=O)=O)OC(C)(C)O[C@@]3([H])[C@]1([H])OC(C)(C)O2>					
pKa:		8.67					
Low est Solubility (mg/ml):		9.8					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	0.04	LOW Permeability					
logP:	-0.7	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	25.0	200.0	0.010204081	0.08163265	HIGH	Class III	Class III
SP	25.0	200.0	0.010204081	0.08163265	HIGH	Class III	Class III
UK	25.0	200.0	0.010204081	0.08163265	HIGH	Class III	Class III
US	15.0	200.0	0.006122449	0.08163265	HIGH	Class III	Class III

** A volume of 250 mL is used for the drugs on the US, UK, SP, KOR, and WHO lists, and a volume of 150 mL is used for drugs on the JP list.