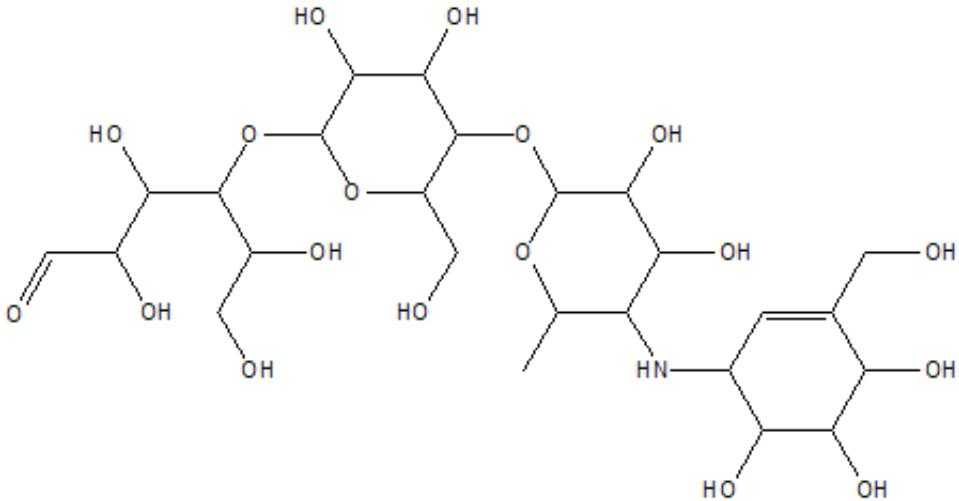


Records found: 1

Compound: Acarbose							
							
CAS:		56180-94-0					
Category:		Endocrine and Metabolic Agents					
Subcategory:		Antidiabetic Agents (other)					
Formula:		C ₂₅ H ₄₃ N O ₁₈					
Molecular Weight:		645.605					
SMILES:		<chem>C[C@H]1O[C@H](O[C@@H]2[C@@H](CO)O[C@H](O[C@@H]3[C@@H](CO)O[C@@H](O)[C@H](O)[C@H]3O)[C@H](O)[C@H]2O)[C@H](O)[C@@H](O)[C@@H]1N[C@H]1C=C(CO)[C@H](O)[C@H](O)[C@H]1O></chem>					
pKa:		7.03, 11.23					
Low est Solubility (mg/ml):		33.0					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	-6.68	LOW Permeability					
logP:	-6.8	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	50.0	100.0	0.006060606	0.012121212	HIGH	Class III	Class III
JP	50.0	100.0	0.01010101	0.02020202	HIGH	Class III	Class III
SP	50.0	100.0	0.006060606	0.012121212	HIGH	Class III	Class III
UK	50.0	100.0	0.006060606	0.012121212	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.