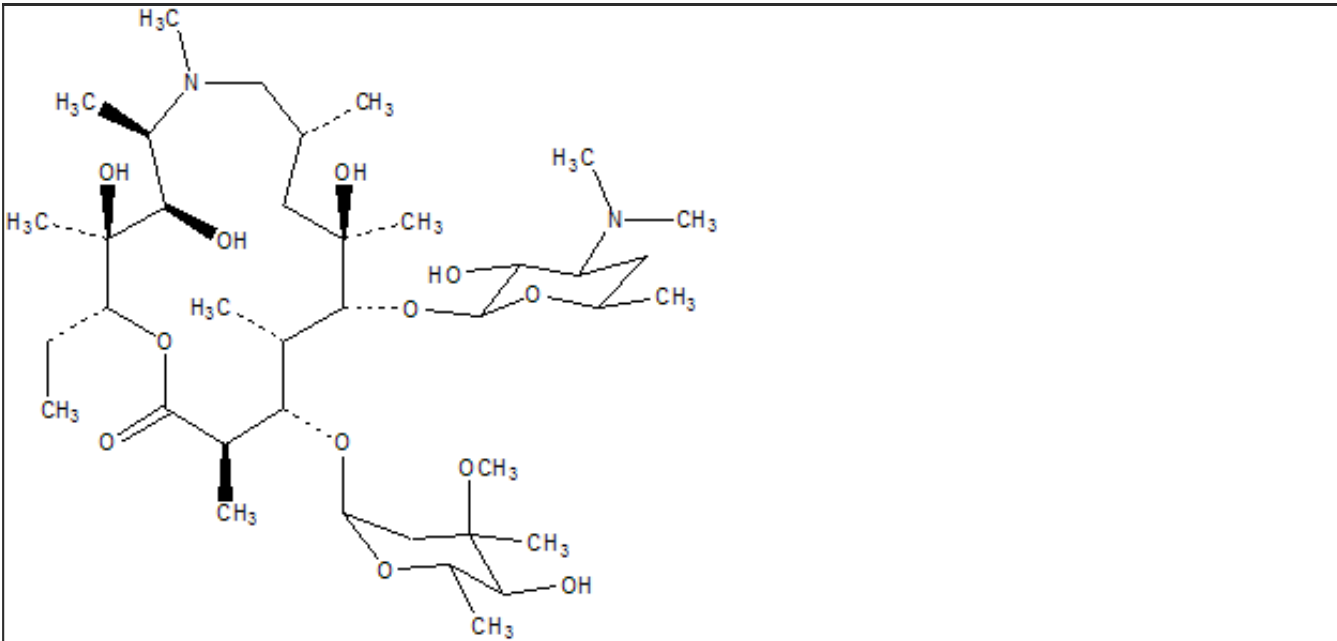


Records found: 1

Compound: Azithromycin							
							
CAS:		83905-01-5					
Category:		Anti-infective Agents					
Subcategory:		Antibiotics (Macrolides)					
Formula:		C38 H72 N2 O12					
Molecular Weight:		748.984					
SMILES:		<chem>CC[C@H]1OC(=O)[C@H](C)[C@@H](O[C@H]2C[C@@](C)(OC)[C@@H](O)[C@H](C)O2)[C@H](C)[C@@H](O[C@@H]2O[C@H](C)[C@@H]([C@H]2O)N(C)C)[C@](C)(O)C[C@@H](C)CN(C)[C@H](C)[C@@H](O)[C@]1(C)O></chem>					
pKa:		8.74					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	2.64	HIGH Permeability					
logP:	4.02	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
JP	100.0	600.0	66.66667	400.0	LOW	Class II	Class II
SP	200.0	500.0	80.0	200.0	LOW	Class II	Class II
US	250.0	600.0	100.0	240.0	LOW	Class II	Class II
UK	250.0	500.0	100.0	200.0	LOW	Class II	Class II

** 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.