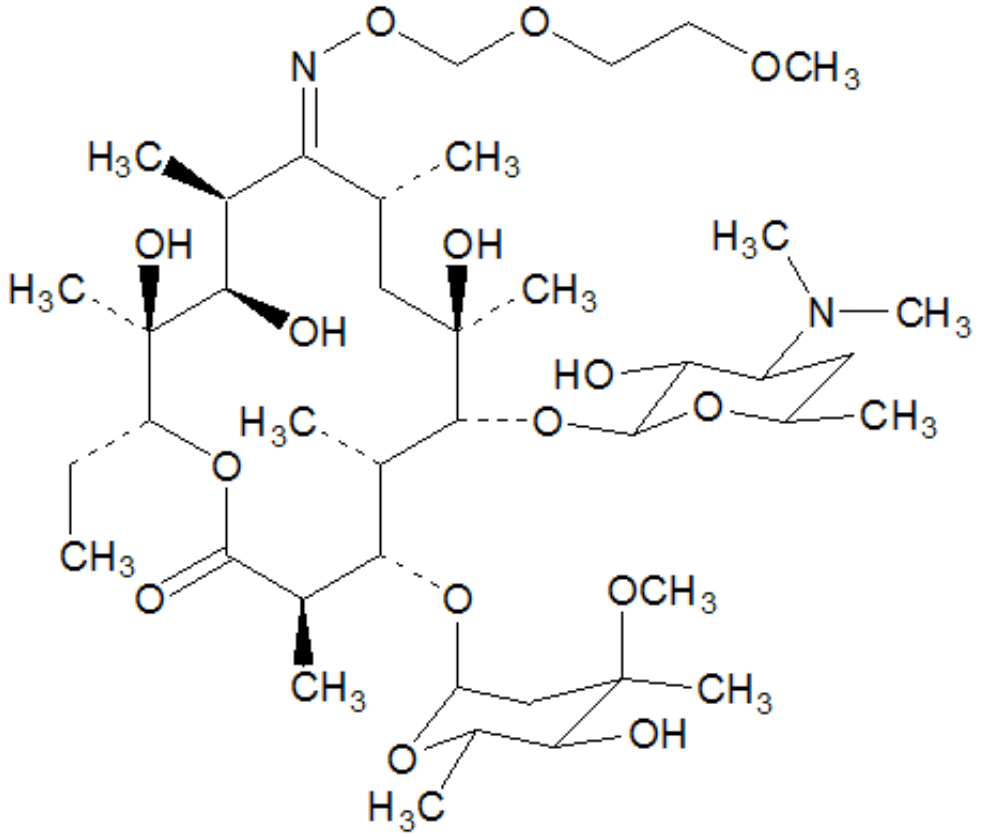
Records found: 1

Compound: Roxithromycin



CAS:	80214-83-1
Category:	Anti-infective Agents
Subcategory:	Antibiotics (Macrolides)
Formula:	C41 H76 N2 O15
Molecular Weight:	837.04
SMILES:	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[C@@H]([C@H]2O)N(C)C)[C@](C)(O)C[C@@H](C)C(=NOCOCCOC)[C@H](C)[C@@H](O)[C@]1(C)O>
pKa:	9.27
Lowest Solubility (mg/ml):	0.1
Human Permeability (x 10^4 cm/s):	N/A

cLogP (BioLoom 5.0):	2.2	HIGH Permeability					
logP:	1.7	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	50.0	150.0	2.0	6.0	LOW	Class II	Class IV

** 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.