

Records found: 1

Compound: Erythromycin							
<p style="text-align: center;">Erythromycin A</p>							
CAS:		114-07-8					
Category:		Anti-infective Agents					
Subcategory:		Antibiotics (Macrolides)					
Formula:		C37 H67 N O13					
Molecular Weight:		733.93					
SMILES:		CC[C@H]1OC(=O)[C@H](C)[C@@H](O[C@H]2[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(=O)[C@H](C)[C@@H](O)[C@]1(C)O>					
pKa:		8.8					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	1.63	HIGH Permeability					
logP:	3.06	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	250.0	250.0	100.0	100.0	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.