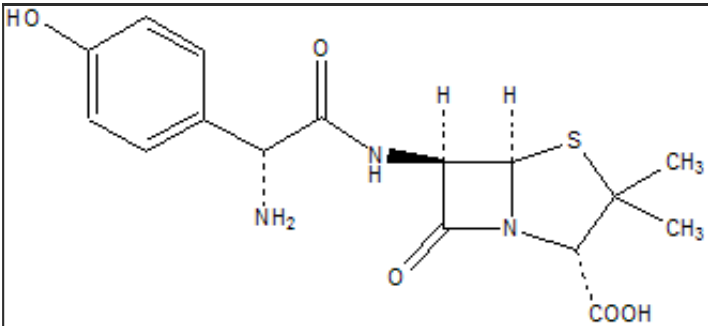


Records found: 1

Compound: Amoxicillin						
						
CAS:	26787-78-0					
Category:	Anti-infective Agents					
Subcategory:	Antibiotics (Penicillins)					
Formula:	C16 H19 N3 O5 S					
Molecular Weight:	365.4					
SMILES:	[H][C@]12SC(C)(C)[C@@H](N1C(=O)[C@H]2NC(=O)[C@H](N)C1=CC=C(O)C=C1)C(O)=O>					
pKa:	2.4, 9.6					
Low est Solubility (mg/ml):	1.0					
Human Permeability (x 10 ⁴ cm/s):	0.3		Measured LOW Permeability			
cLogP (BioLoom 5.0):	-1.87					
logP:	0.87					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (Human)
KOR	250.0	500.0	1.0	2.0	LOW*	Class IV*
WHO	250.0	500.0	1.0	2.0	LOW*	Class IV*
SP	125.0	1000.0	0.5	4.0	LOW*	Class IV*
US	125.0	875.0	0.5	3.5	LOW*	Class IV*
UK	250.0	625.0	1.0	2.5	LOW*	Class IV*

* At the lowest dose strength, this is a HIGH solubility compound.

** 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.