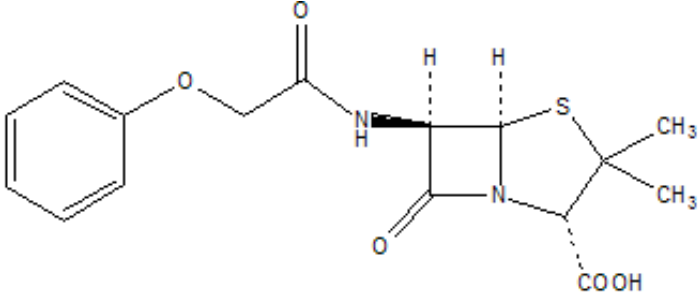


Records found: 1

Compound: Phenoxyethylpenicillin							
							
CAS:		87-08-1					
Category:		Anti-infective Agents					
Subcategory:		Antibiotics (Penicillins)					
Formula:		C16 H18 N2 O5 S					
Molecular Weight:		350.39					
SMILES:		[H][C@]12SC(C)(C)[C@@H](N1C(=O)[C@H]2NC(=O)COC1=CC=CC=C1)C(O)=O>					
pKa:		2.79					
Low est Solubility (mg/ml):		25.0					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	1.94	HIGH Permeability					
logP:	2.09	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	0.04	0.04	HIGH	Class I	Class I

** 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.