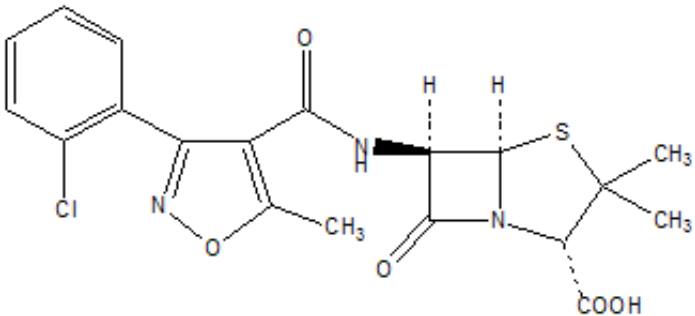


Records found: 1

Compound: Cloxacillin							
							
CAS:		61-72-3					
Category:		Anti-infective Agents					
Subcategory:		Antibiotics (Penicillins)					
Formula:		C ₁₉ H ₁₈ Cl N ₃ O ₅ S					
Molecular Weight:		435.88					
SMILES:		[H][C@]12SC(C)(C)[C@@H](N1C(=O)[C@H]2NC(=O)C1=C(C)ON=C1C1=CC=CC=C1Cl)C(O)=O>					
pKa:		2.8					
Low est Solubility (mg/ml):		33.0					
Human Permeability (x 10 ⁴ cm/s):		NA					
cLogP (BioLoom 5.0):	3.36	HIGH Permeability					
logP:	2.48	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	500.0	1000.0	0.060606062	0.121212125	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.