

Records found: 1

Compound: Alendronic acid							
CAS:		66376-36-1					
Category:		Endocrine and Metabolic Agents					
Subcategory:		Antiosteoporosis Agents					
Formula:		C4 H13 N O7 P2					
Molecular Weight:		249.097					
SMILES:		NCCCC(O)(P(O)(O)=O)P(O)(O)=O>					
pKa:		2.72					
Low est Solubility (mg/ml):		10.0					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	-3.79	LOW Permeability					
logP:	-4.3	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	5.0	70.0	0.0020	0.028	HIGH	Class III	Class III
JP	5.0	5.0	0.0033333334	0.0033333334	HIGH	Class III	Class III
US	5.0	70.0	0.0020	0.028	HIGH	Class III	Class III
SP	10.0	70.0	0.0040	0.028	HIGH	Class III	Class III
UK	5.0	70.0	0.0020	0.028	HIGH	Class III	Class III

** 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.