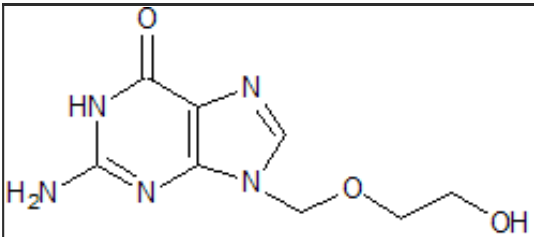
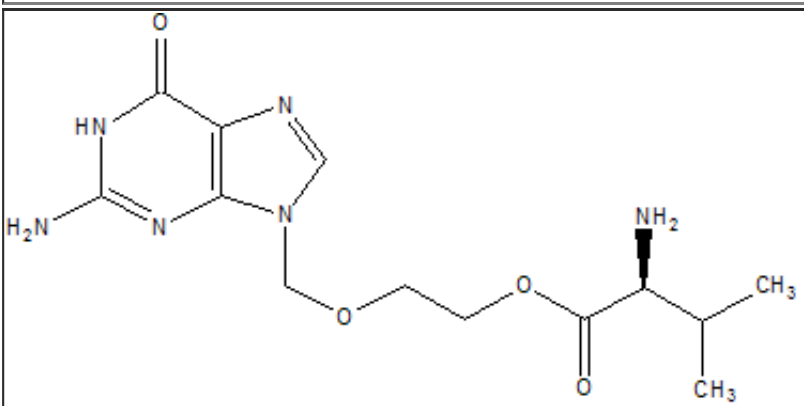


Records found: 2

Compound: Acyclovir							
							
CAS:		59277-89-3					
Category:		Anti-infective Agents					
Subcategory:		Antivirals (other)					
Formula:		C8 H11 N5 O3					
Molecular Weight:		225.21					
SMILES:		NC1=NC(=O)C2=C(N1)N(COCCO)C=N2>					
pKa:		2.3, 9.3					
Low est Solubility (mg/ml):		1.0					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	-2.02	LOW Permeability					
logP:	-1.56	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	200.0	200.0	0.8	0.8	HIGH	Class III	Class III
JP	200.0	400.0	1.3333334	2.6666667	LOW	Class IV	Class IV
SP	200.0	800.0	0.8	3.2	LOW*	Class IV*	Class IV*
UK	200.0	800.0	0.8	3.2	LOW*	Class IV*	Class IV*
Compound: Valacyclovir							
							
CAS:		124832-26-4					
Category:		Anti-infective Agents					
Subcategory:		Antivirals (other)					
Formula:		C13 H20 N6 O4					
Molecular Weight:		324.33					
SMILES:		CC(C)[C@H](N)C(=O)OCCOCCN1C=NC2=C1NC(N)=NC2=O>					
pKa:		1.9					
Low est Solubility (mg/ml):		100.0					
Human Permeability (x 10 ⁴ cm/s):		1.66		Measured HIGH Permeability			
cLogP (BioLoom 5.0):	-1.22						
logP:	-0.3						

Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (Human)
JP	500.0	500.0	0.033333335	0.033333335	HIGH	Class I
SP	500.0	1000.0	0.02	0.04	HIGH	Class I
UK	500.0	500.0	0.02	0.02	HIGH	Class I
US	500.0	1000.0	0.02	0.04	HIGH	Class I

* 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.