

Records found: 1

Compound: Riboflavin							
CAS:		83-88-5					
Category:		Nutrients and Nutritional Agents					
Subcategory:		Vitamins					
Formula:		C17 H20 N4 O6					
Molecular Weight:		376.36					
SMILES:		CC1=C(C)C=C2N(C[C@H](O)[C@H](O)[C@H](O)CO)C3=NC(=O)NC(=O)C3=NC2=C1>					
pKa:		10.2					
Low est Solubility (mg/ml):		0.1					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	-0.73	LOW Permeability					
logP:	-1.46	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	5.0	5.0	0.2	0.2	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.