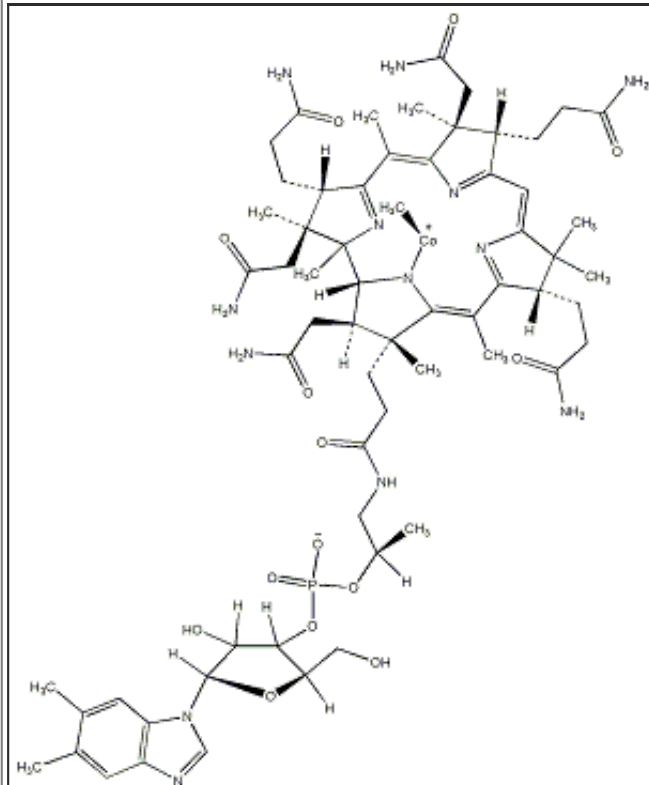


Records found: 1

Compound: Mecobalamin



CAS:	13422-55-4						
Category:	Nutrients and Nutritional Agents						
Subcategory:	Vitamins						
Formula:	C63 H91 Co N13 O14 P						
Molecular Weight:	1344.38						
SMILES:	[CH3-].CC1=CC2=C(C=C1C)N(C=N2)[C@@H]3[C@@H]([C@@H]([C@H](O3)CO)OP(=O)([O-])OC(C)CNC(=O)CC[C@@]4([C@H]([C@@H]5[C@]6([C@@]([C@@H]([C(=C)/C7=N/C(=C)C8=N/C(=C)C4=N5)/C)/[C@H](C8(C)C)CCC(=O)N)/[C@H]([C@]7(C)CC(=O)N)CCC(=O)N)\C)/[N-]6)CCC(=O)N)(C)CC(=O)N)C)CC(=O)N)C)O.[Co+3]>						
Low est Solubility (mg/ml):	10.0						
Human Permeability (x 10 ⁴ cm/s):	N/A						
cLogP (BioLoom 5.0):	-3.52	LOW Permeability					
logP:	N/A	N/A					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
JP	0.25	0.5	1.6666666E-4	3.3333333E-4	HIGH	Class III	N/A

** 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.