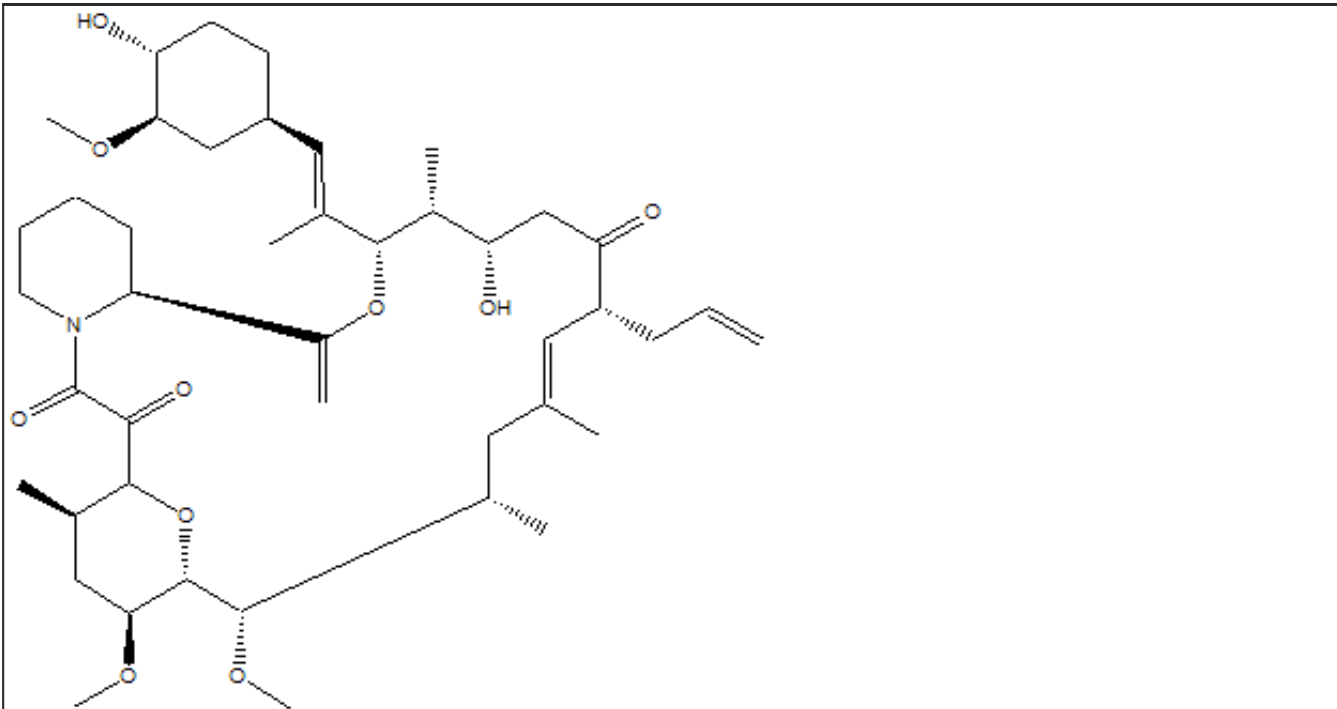


Records found: 1

Compound: Tacrolimus							
							
CAS:		104987-11-3					
Category:		Biologic and Immunologic Agents					
Subcategory:							
Formula:		C44 H69 N O12					
Molecular Weight:		804.02					
SMILES:		<chem>CO[C@@H]1C[C@@H](CC[C@H]1O)C=C(/C)[C@H]1OC(=O)[C@@H]2CCCCN2C(=O)C(=O)[C@]2(O)O[C@@H]([C@H](C[C@H]2C)OC)[C@H](C[C@@H](C)C)C(C)=C[C@@H](CC=C)C(=O)C[C@H](O)[C@H]1C)OC></chem>					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	5.78	HIGH Permeability					
logP:	3.3	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	0.5	1.0	0.2	0.4	HIGH	Class I	Class I
JP	0.5	5.0	0.33333334	3.3333335	LOW*	Class II*	Class II*
SP	0.5	5.0	0.2	2.0	LOW*	Class II*	Class II*
UK	0.5	5.0	0.2	2.0	LOW*	Class II*	Class II*
US	0.5	5.0	0.2	2.0	LOW*	Class II*	Class II*

* 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.