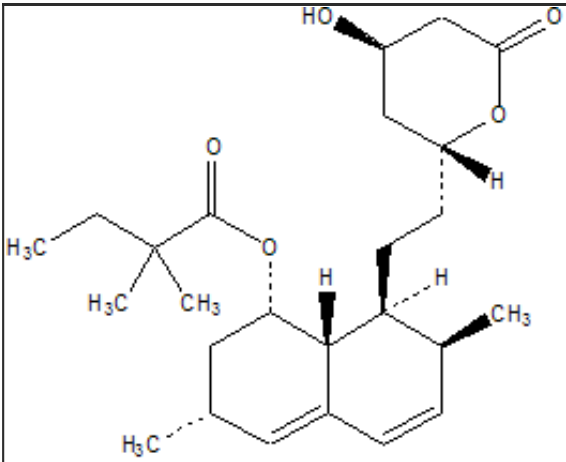


**Records found: 1**

Compound: Simvastatin							
							
CAS:		79902-63-9					
Category:		Cardiovascular Agents					
Subcategory:		HMG-CoA Reductase Inhibitors					
Formula:		C <sub>25</sub> H <sub>38</sub> O <sub>5</sub>					
Molecular Weight:		418.56					
SMILES:		[H][C@]12[C@H](C[C@@H](C)C=C1C=C[C@H](C)[C@@H]2CC[C@@H]1C[C@@H](O)CC(=O)O1)OC(=O)C(C)(C)CC>					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 <sup>4</sup> cm/s):		N/A					
cLogP (BioLoom 5.0):	4.48	HIGH Permeability					
logP:	4.68	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	20.0	40.0	8.0	16.0	LOW	Class II	Class II
JP	5.0	20.0	3.3333335	13.333334	LOW	Class II	Class II
SP	5.0	40.0	2.0	16.0	LOW	Class II	Class II
UK	5.0	80.0	2.0	32.0	LOW	Class II	Class II
US	5.0	80.0	2.0	32.0	LOW	Class II	Class II

\*\* 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.