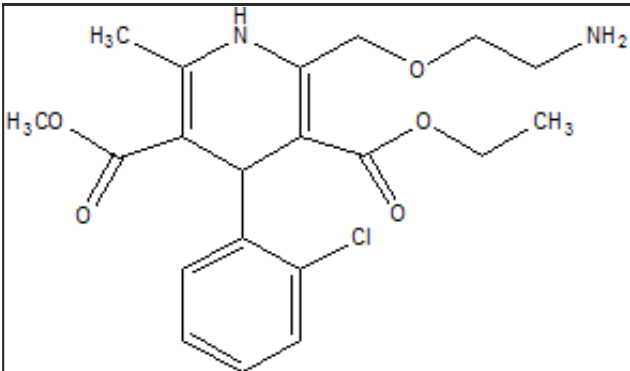


Records found: 1

Compound: Amlodipine							
							
CAS:		88150-42-9					
Category:		Cardiovascular Agents					
Subcategory:		Calcium Channel Antagonists					
Formula:		C ₂₀ H ₂₅ Cl N ₂ O ₅					
Molecular Weight:		408.879					
SMILES:		CCOC(=O)C1=C(COCCN)NC(C)=C(C1C1=CC=CC=C1Cl)C(=O)OC					
pKa:		8.7					
Low est Solubility (mg/ml):		1.0					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	3.43	HIGH Permeability					
logP:	3.0	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	5.0	10.0	0.02	0.04	HIGH	Class I	Class I
JP	2.5	5.0	0.016666668	0.033333335	HIGH	Class I	Class I
SP	5.0	10.0	0.02	0.04	HIGH	Class I	Class I
US	2.0	10.0	0.0080	0.04	HIGH	Class I	Class I
UK	5.0	10.0	0.02	0.04	HIGH	Class I	Class I

** 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.