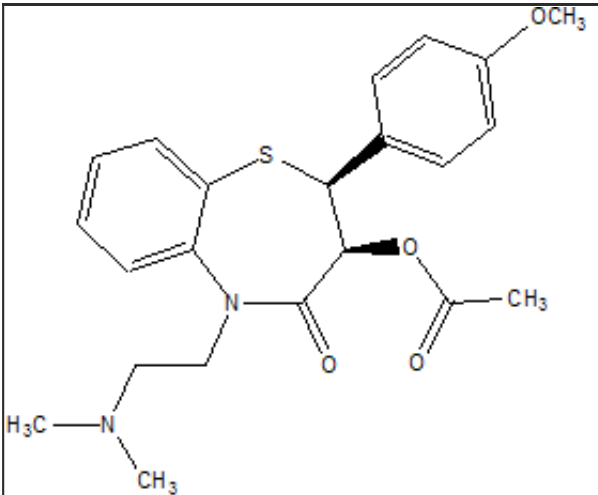


Records found: 1

Compound: Diltiazem							
							
CAS:		42399-41-7					
Category:		Cardiovascular Agents					
Subcategory:		Calcium Channel Antagonists					
Formula:		C22 H26 N2 O4 S					
Molecular Weight:		414.519					
SMILES:		COC1=CC=C(C=C1)[C@@H]1SC2=CC=CC=C2N(CCN(C)C)C(=O)[C@@H]1OC(C)=O>					
pKa:		7.7					
Low est Solubility (mg/ml):		100.0					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	3.65	HIGH Permeability					
logP:	2.8	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	30.0	30.0	0.0012	0.0012	HIGH	Class I	Class I
SP	60.0	300.0	0.0024	0.012	HIGH	Class I	Class I
US	30.0	120.0	0.0012	0.0048	HIGH	Class I	Class I
UK	60.0	60.0	0.0024	0.0024	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.