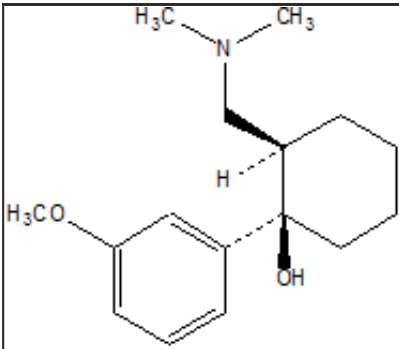


Records found: 1

Compound: Tramadol							
							
CAS:		27203-92-5					
Category:		Central Nervous System Agents					
Subcategory:		Analgesics (Narcotics)					
Formula:		C ₁₆ H ₂₅ N O ₂					
Molecular Weight:		263.37					
SMILES:		COC1=CC=CC(=C1)[C@@H](O)CCCC[C@@H]1CN(C)C1					
pKa:		9.41					
Low est Solubility (mg/ml):		33.0					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	3.1	HIGH Permeability					
logP:	2.4	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	50.0	50.0	0.006060606	0.006060606	HIGH	Class I	Class I
SP	50.0	50.0	0.006060606	0.006060606	HIGH	Class I	Class I
UK	37.5	50.0	0.0045454544	0.006060606	HIGH	Class I	Class I
US	37.5	50.0	0.0045454544	0.006060606	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.