

**Records found: 1**

Compound: Sumatriptan							
CAS:		103628-46-2					
Category:		Central Nervous System Agents					
Subcategory:		Antimigraine Agents					
Formula:		C14 H21 N3 O2 S					
Molecular Weight:		295.41					
SMILES:		CNS(=O)(=O)CC1=CC2=C(NC=C2CCN(C)C)C=C1>					
pKa:		9.68					
Low est Solubility (mg/ml):		100.0					
Human Permeability (x 10 <sup>4</sup> cm/s):		N/A					
cLogP (BioLoom 5.0):	0.74	LOW Permeability					
logP:	0.93	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
SP	50.0	50.0	0.0020	0.0020	HIGH	Class III	Class III
UK	50.0	100.0	0.0020	0.0040	HIGH	Class III	Class III
US	25.0	100.0	0.0010	0.0040	HIGH	Class III	Class III

\*\* 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.