

Records found: 1

Compound: Sildenafil							
CAS:		139755-83-2					
Category:		Renal and Genitourinary Agents					
Subcategory:							
Formula:		C ₂₂ H ₃₀ N ₆ O ₄ S					
Molecular Weight:		474.59					
SMILES:		CCCC1=NN(C)C2=C1NC(=NC2=O)C1=C(OCC)C=CC(=C1)S(=O)(=O)N1CCN(C)CC1>					
pKa:		6.5					
Low est Solubility (mg/ml):		1.0					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	2.2	HIGH Permeability					
logP:	1.9	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	25.0	100.0	0.1	0.4	HIGH	Class I	Class I
SP	25.0	100.0	0.1	0.4	HIGH	Class I	Class I
UK	25.0	100.0	0.1	0.4	HIGH	Class I	Class I
US	25.0	100.0	0.1	0.4	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.