

Records found: 1

Compound: Buspirone							
CAS:		36505-84-7					
Category:		Central Nervous System Agents					
Subcategory:		Antidepressants (other)					
Formula:		C ₂₁ H ₃₁ N ₅ O ₂					
Molecular Weight:		385.5					
SMILES:		O=C1CC2(CCCC2)CC(=O)N1CCCCN1CCN(CC1)C1=NC=CC=N1>					
pKa:		1.22					
Low est Solubility (mg/ml):		33.0					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	1.99	HIGH Permeability					
logP:	2.63	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	6.060606E-4	0.0012121212	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.