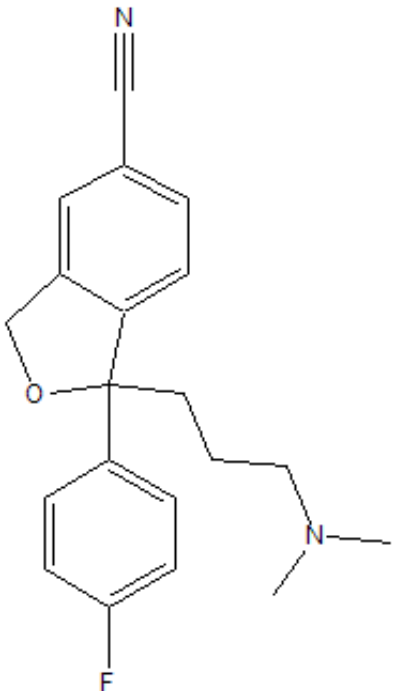


## Records found: 1

Compound: Citalopram (escitalopram)							
							
CAS:		59729-33-8					
Category:		Central Nervous System Agents					
Subcategory:		Antidepressants (SSRIs)					
Formula:		C <sub>20</sub> H <sub>21</sub> F N <sub>2</sub> O					
Molecular Weight:		324.392					
SMILES:		CN(C)CCCC1(OCC2=C1C=CC(=C2)C#N)C1=CC=C(F)C=C1>					
pKa:		9.59					
Low est Solubility (mg/ml):		10.0					
Human Permeability (x 10 <sup>4</sup> cm/s):		N/A					
cLogP (BioLoom 5.0):	3.13	HIGH Permeability					
logP:	3.5	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
SP	20.0	40.0	0.0080	0.016	HIGH	Class I	Class I
US	10.0	40.0	0.0040	0.016	HIGH	Class I	Class I
UK	10.0	40.0	0.0040	0.016	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.