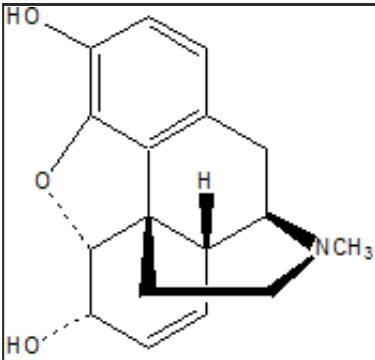


## Records found: 1

Compound: Morphine							
							
CAS:		57-27-2					
Category:		Central Nervous System Agents					
Subcategory:		Analgesics (Narcotics)					
Formula:		C17 H19 N O3					
Molecular Weight:		285.34					
SMILES:		[H][C@@]12OC3=C(O)C=CC4=C3[C@@]11CCN(C)[C@]([H])(C4)[C@]1([H])C=C[C@@H]2O>					
pKa:		8.0, 9.9					
Low est Solubility (mg/ml):		33.0					
Human Permeability (x 10 <sup>4</sup> cm/s):		N/A					
cLogP (BioLoom 5.0):	0.57	LOW Permeability					
logP:	0.89	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	10.0	10.0	0.0012121212	0.0012121212	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.