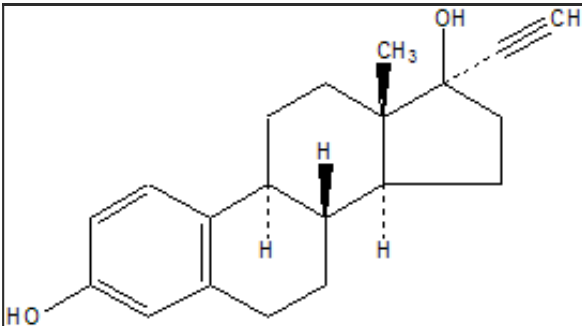


Records found: 1

Compound: Ethinyl estradiol							
							
CAS:		57-63-6					
Category:		Endocrine and Metabolic Agents					
Subcategory:		Sex hormones					
Formula:		C ₂₀ H ₂₄ O ₂					
Molecular Weight:		296.4					
SMILES:		[H][C@@]12CC[C@@](O)(C#C)[C@@]1(C)CC[C@]1([H])C3=C(CC[C@@]21[H])C=C(O)C=C3>					
pKa:		10.4					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	3.68	HIGH Permeability					
logP:	3.67	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	0.01	0.05	0.0040	0.020000001	HIGH	Class I	Class I
SP	0.015	0.05	0.0060	0.020000001	HIGH	Class I	Class I
US	0.01	0.5	0.0040	0.2	HIGH	Class I	Class I
UK	0.01	1.0	0.0040	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.