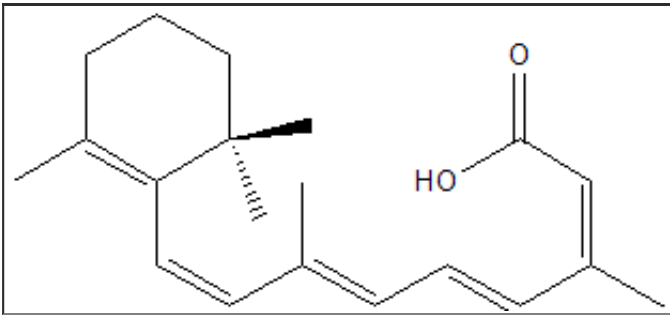


Records found: 1

Compound: Isotretinoin							
							
CAS:		4759-48-2					
Category:		Dermatological Agents					
Subcategory:							
Formula:		C ₂₀ H ₂₈ O ₂					
Molecular Weight:		300.43					
SMILES:		CC(C)C=CC1(C)CCCC1(C)C=C/C=C/C=C/C(O)=O					
pKa:		4.52					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	6.74	HIGH Permeability					
logP:	4.2	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	10.0	10.0	4.0	4.0	LOW	Class II	Class II
US	10.0	40.0	4.0	16.0	LOW	Class II	Class II

** 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.