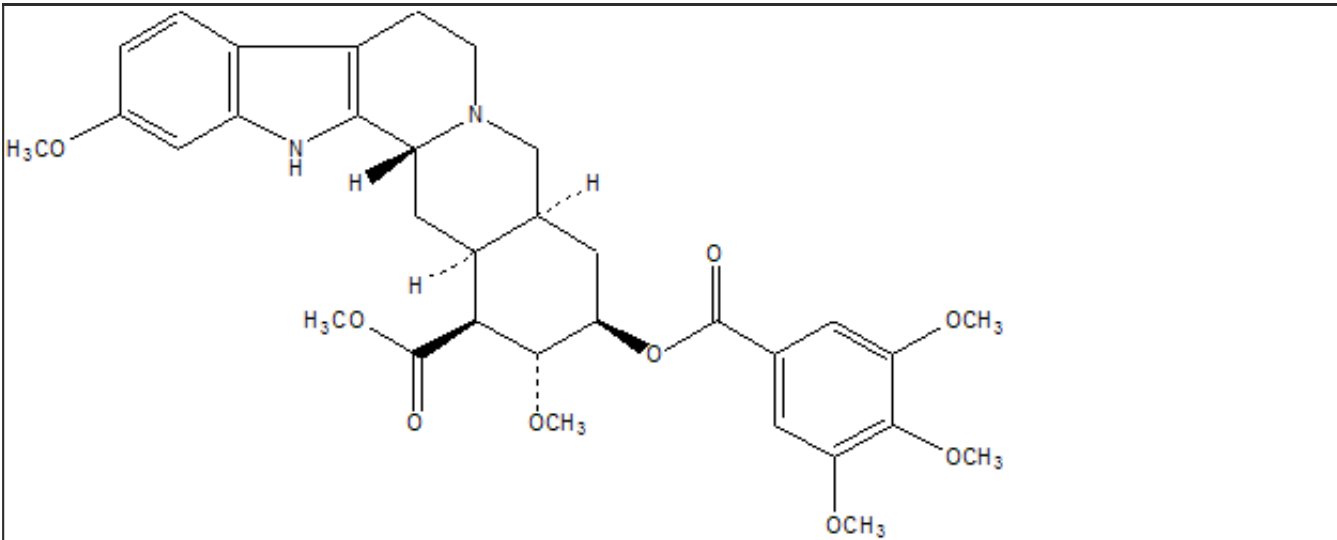


Records found: 1

Compound: Reserpine							
 <p>The image shows the chemical structure of Reserpine, a complex alkaloid. It features a pentacyclic indole alkaloid core (reserpinine) with a methoxy group at the 6-position. Attached to the core is a side chain containing a methyl ester group, a methoxy group, and a 3,4,5-trimethoxybenzoyloxy group.</p>							
CAS:		50-55-5					
Category:		Cardiovascular Agents					
Subcategory:		Antiadrenergics (other)					
Formula:		C33 H40 N2 O9					
Molecular Weight:		608.68					
SMILES:		[H][C@]12C[C@@H](OC(=O)C3=CC(OC)=C(OC)C(OC)=C3)[C@H](OC)[C@@H](C(=O)OC)[C@@]1([H])C[C@@]1([H])N(CCC3=C1NC1=C3C=CC(OC)=C1)C2>					
pKa:		6.6					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	3.86	HIGH Permeability					
logP:	3.2	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	0.1	0.25	0.040000003	0.1	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.