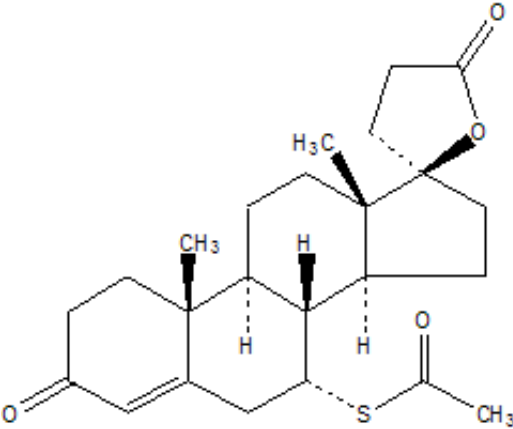


**Records found: 1**

Compound: Spironolactone							
 <p>The image shows the chemical structure of Spironolactone, a loop diuretic. It features a complex steroid-like ring system with a lactone ring fused to one of the rings. Key features include a methyl group (CH<sub>3</sub>) on the first ring, a double bond in the second ring, and a sulfur atom in the third ring connected to a propionyl group (-S-C(=O)-CH<sub>3</sub>). Stereochemistry is indicated with wedges and dashes.</p>							
CAS:		52-01-7					
Category:		Cardiovascular Agents					
Subcategory:		Diuretics					
Formula:		C <sub>24</sub> H <sub>32</sub> O <sub>4</sub> S					
Molecular Weight:		416.58					
SMILES:		[H][C@@]12CC[C@@]3(CCC(=O)O3)[C@@]1(C)CC[C@@]1([H])[C@@]2([H])[C@@]([H])(CC2=CC(=O)CC[C@]12C)SC(C)=O>					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 <sup>4</sup> cm/s):		N/A					
cLogP (BioLoom 5.0):	2.84	HIGH Permeability					
logP:	2.78	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	25.0	25.0	10.0	10.0	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.