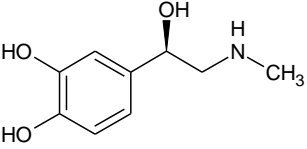
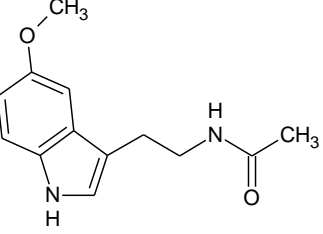
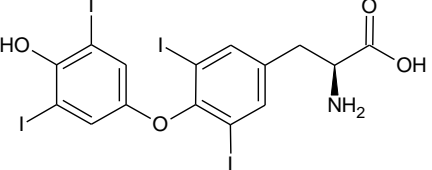
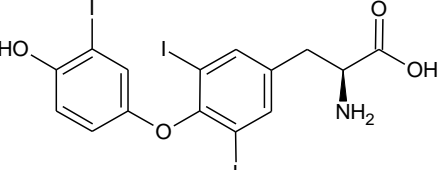
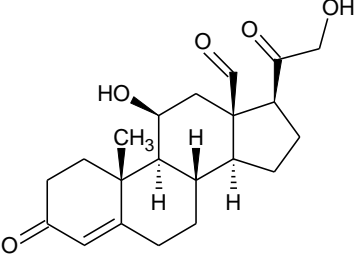
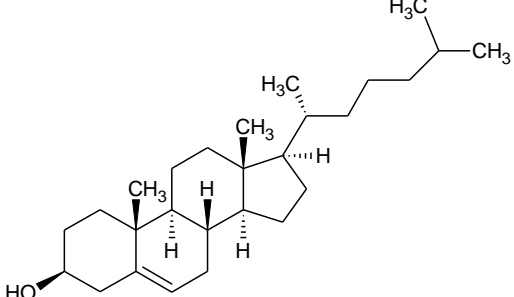
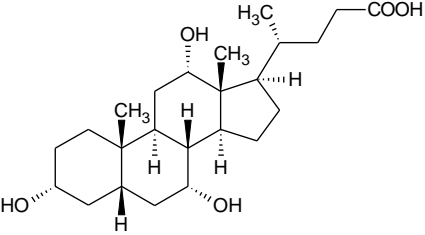
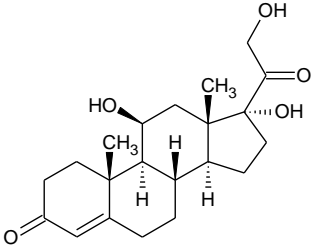
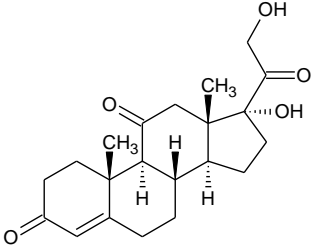
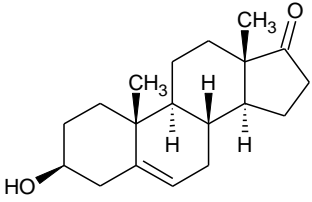
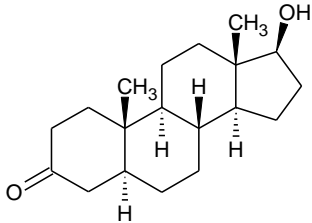
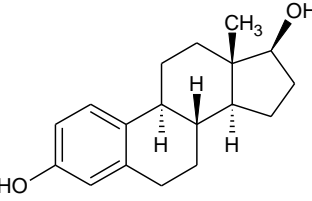
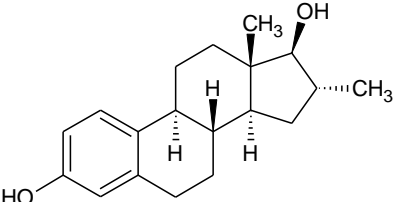


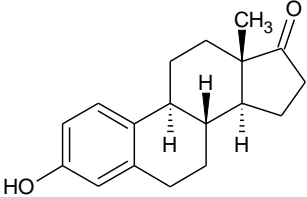
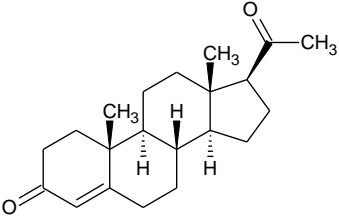
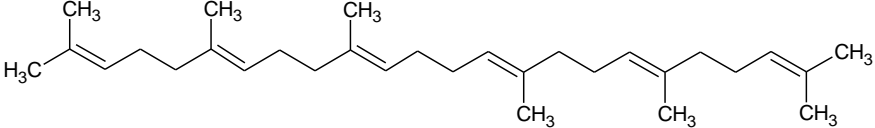
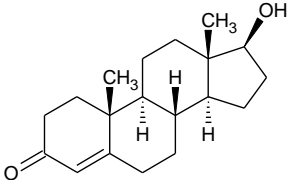
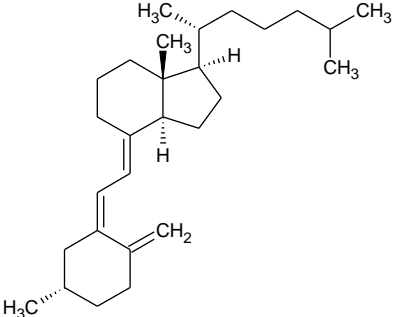
Hormones

<p>Epinephrine, Adrenaline $C_9H_{13}NO_3$ 183.20 g/mol</p>	
<p>Melatonin $C_{13}H_{16}N_2O_2$ 232.28 g/mol</p>	
<p>Thyroxine T4 $C_{15}H_{11}I_4NO_4$ 776.87 g/mol</p>	
<p>Triiodothyronine T3 $C_{15}H_{12}I_3NO_4$ 650.97 g/mol</p>	

Steroids

<p>Aldosterone $C_{21}H_{28}O_5$ 360.44 g/mol</p>	
<p>Cholesterol $C_{27}H_{46}O$ 386.65 g/mol</p>	

<p>Cholic acid $C_{24}H_{40}O_5$ 408.57 g/mol</p>	
<p>Cortisol $C_{21}H_{30}O_5$ 362.46 g/mol</p>	
<p>Cortisone $C_{21}H_{28}O_5$ 360.44 g/mol</p>	
<p>Dehydroepiandrosterone (DHEA) $C_{19}H_{28}O_2$ 288.42 g/mol</p>	
<p>Dihydrotestosterone (DHT) $C_{19}H_{30}O_2$ 290.44 g/mol</p>	
<p>Estradiol $C_{18}H_{24}O_2$ 272.39 g/mol</p>	
<p>Estriol $C_{18}H_{24}O_3$ 288.39 g/mol</p>	

<p>Estrone $C_{18}H_{22}O_2$ 270.37 g/mol</p>	 <p>The structure of Estrone is a steroid with a phenolic A-ring (aromatic ring with a hydroxyl group at the 3-position), a ketone group at the 17-position, and methyl groups at the 13 and 14 positions. The B, C, and D rings are fused in the typical steroid configuration.</p>
<p>Progesterone P4 $C_{21}H_{30}O_2$ 314.46 g/mol</p>	 <p>The structure of Progesterone is a steroid with a ketone group at the 3-position, a double bond between C4 and C5, and an acetyl group at the 17-position. Methyl groups are present at the 10 and 13 positions.</p>
<p>Squalene $C_{30}H_{50}$ 410.71 g/mol</p>	 <p>The structure of Squalene is a long-chain hydrocarbon with six methylene-interrupted double bonds. Each double bond has a methyl group attached to one of the double-bonded carbons.</p>
<p>Testosterone $C_{19}H_{28}O_2$ 288.42 g/mol</p>	 <p>The structure of Testosterone is a steroid with a ketone group at the 3-position, a double bond between C4 and C5, and a hydroxyl group at the 17-position. Methyl groups are present at the 10 and 13 positions.</p>
<p>Vitamin D3 $C_{27}H_{44}O$ 384.64</p>	 <p>The structure of Vitamin D3 is a secosteroid with a broken B-ring. It features a diene system (two double bonds in a conjugated system), a methyl group at the 13-position, and a long side chain at the 17-position containing a double bond and a methyl group.</p>

References: The structures were drawn with: ACD/ChemSketch, version 2015.2.5, Advanced Chemistry Development, Inc., Toronto, ON, Canada, www.acdlabs.com, 2015.