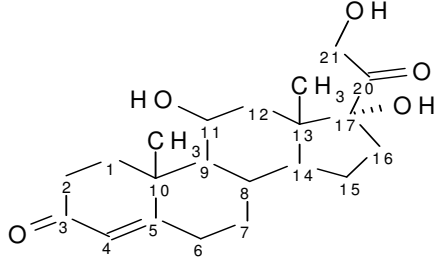
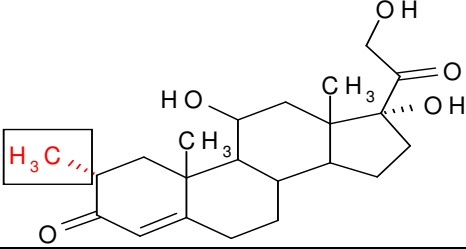
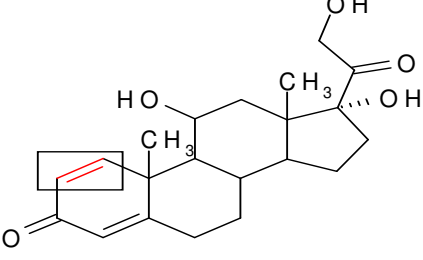
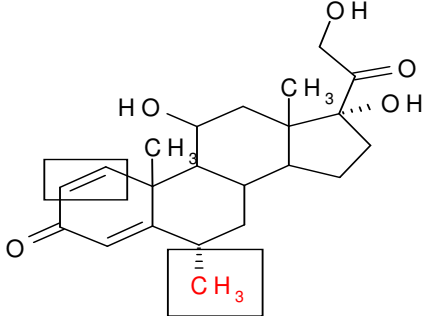
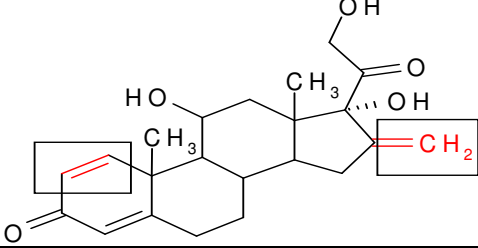
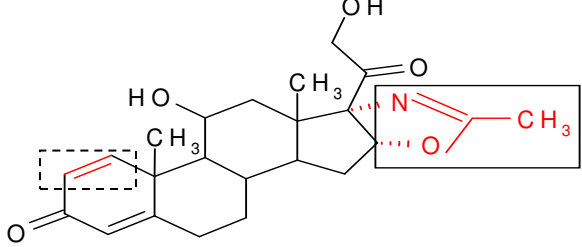


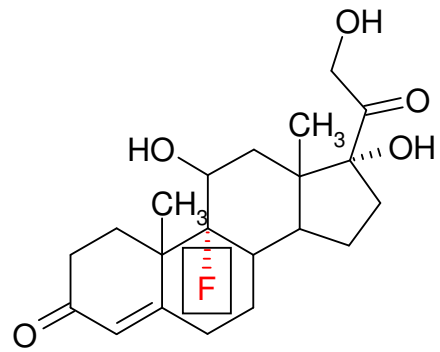
9. Strukturformeln und chemische Bezeichnung der verwendeten Steroide
(Unterschiede zu Cortisol sind jeweils markiert)

<p>Cortisol (1,4-pregnadien-11β,17,21-triol- 3,20-dion) MG:360</p>	
<p>2α-Methyl-Cortisol (2α-methyl-11β,17,21-triol-4-pregnen-3,20-dion) MG:375</p>	
<p>Prednisolon Δ1-Dehydro-Cortisol (1,4-pregnadien-11β,17,21-triol- 3,20-dion) MG :358</p>	
<p>Methylprednisolon (6α-methyl-1,4-pregnadien-11β,17,21-triol- 3,20-dion) MG :373</p>	
<p>Prednyliden 16-Methylen-Prednisolon (16methylen1,4-pregnadien-11β,17,21-triol- 3,20-dion) MG :385</p>	
<p>21-Deacetyl-Deflazacort 16,17-Methyloxazolin-Prednisolon (11βhydroxy, 16β,2'-methyl-5'H-pregna-1,4dien[17,16-d]oxazol-3,20dion) MG :420</p>	

9 α -Fluorocortisol (FF)

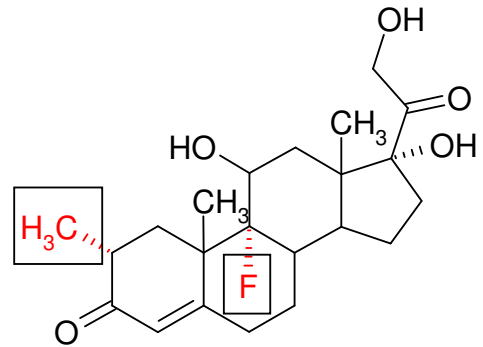
(9 α -fluoro-1,4-pregnadien-11 β ,17,21-triol-3,20-dion)

MG:380

**2 α -Methyl-9 α -Fluorocortisol**

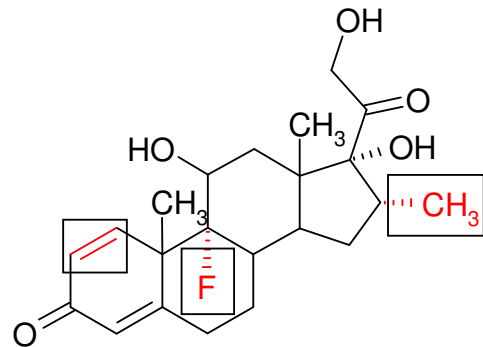
(2 α -methyl-9 α -fluoro-1,4-pregnadien-11 β ,17,21-triol-3,20-dion)

MG:395

**Dexamethason**

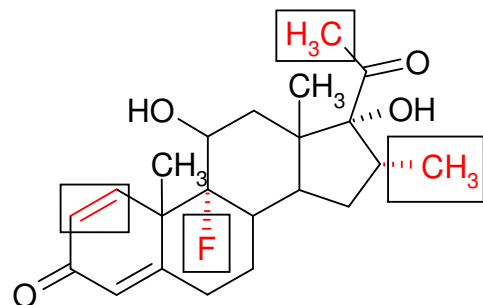
(9 α -fluoro-16 α -methyl-1,4-pregnadien-11 β -17-21-triol-3,20-dion)

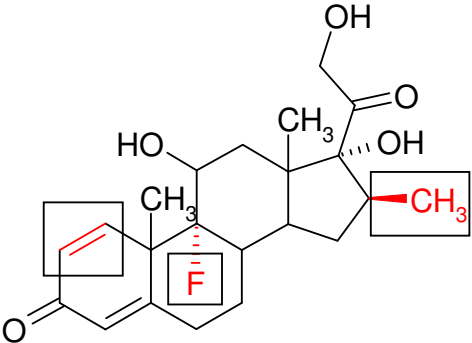
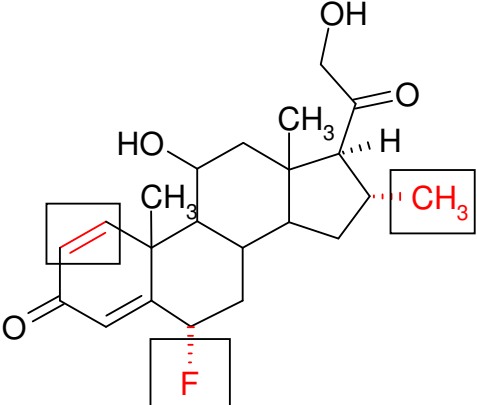
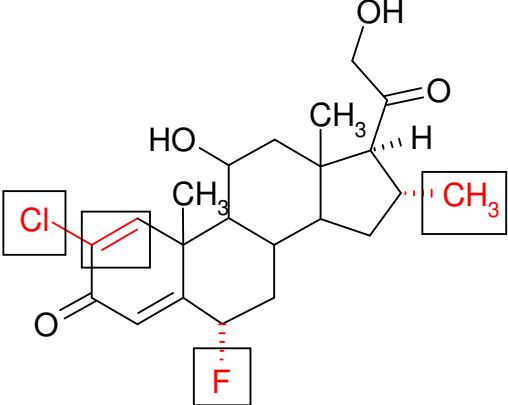
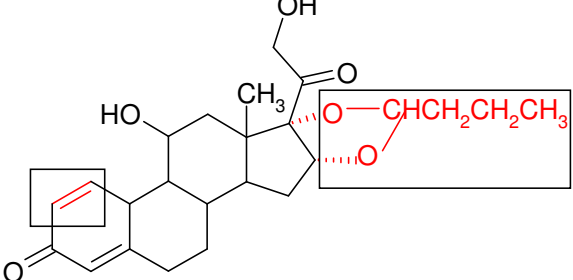
MG:392

**21-Desoxy-Dexamethason**

(9 α -fluoro-16 α -methyl-1,4-pregnadien-11 β -17-diol-3,20-dion)

MG:374

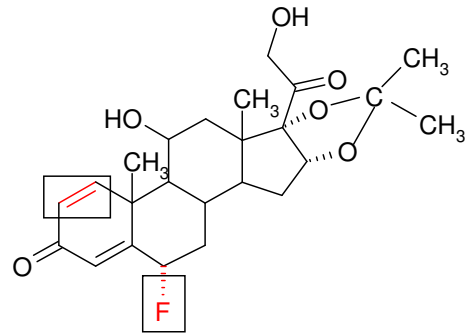


<p>Betamethason</p> <p>(9α-fluoro-16β-methyl-1,4-pregnadien-11β-17-21-triol-3,20-dion)</p> <p>MG:392</p>	 <p>The structure shows a steroid nucleus with a ketone at C3, a double bond between C4 and C5, and a double bond between C14 and C15. At C9, there is a fluorine atom (F) in a red box. At C16, there is a methyl group (CH₃) in a red box. At C17, there is a methyl group (CH₃) in a red box. At C20, there is a methyl group (CH₃) in a red box. At C11, there is a hydroxyl group (OH). At C13, there is a hydroxyl group (OH). At C14, there is a hydroxyl group (OH). At C17, there is a hydroxyl group (OH). At C21, there is a hydroxyl group (OH). At C3, there is a ketone group (C=O).</p>
<p>Fluocortolon</p> <p>(6α-fluoro-16α-methyl-1,4-pregnadien-11β-21-diol-3,20-dion)</p> <p>MG:376</p>	 <p>The structure shows a steroid nucleus with a ketone at C3, a double bond between C4 and C5, and a double bond between C14 and C15. At C6, there is a fluorine atom (F) in a red box. At C16, there is a methyl group (CH₃) in a red box. At C21, there is a methyl group (CH₃) in a red box. At C11, there is a hydroxyl group (OH). At C13, there is a hydroxyl group (OH). At C17, there is a hydroxyl group (OH). At C21, there is a hydroxyl group (OH). At C3, there is a ketone group (C=O).</p>
<p>2-Cl-Fluocortolon</p> <p>(2-chloro-6α-fluoro-16α-methyl-1,4-pregnadien-11β-21-diol-3,20-dion)</p> <p>MG:411</p>	 <p>The structure shows a steroid nucleus with a ketone at C3, a double bond between C4 and C5, and a double bond between C14 and C15. At C2, there is a chlorine atom (Cl) in a red box. At C6, there is a fluorine atom (F) in a red box. At C16, there is a methyl group (CH₃) in a red box. At C21, there is a methyl group (CH₃) in a red box. At C11, there is a hydroxyl group (OH). At C13, there is a hydroxyl group (OH). At C17, there is a hydroxyl group (OH). At C21, there is a hydroxyl group (OH). At C3, there is a ketone group (C=O).</p>
<p>Budesonid</p> <p>(16,17-butylidenebis[oxy]- 1,4-pregnadien-11β,21-dihydroxy-3,20-dion)</p> <p>MG:430,5</p>	 <p>The structure shows a steroid nucleus with a ketone at C3, a double bond between C4 and C5, and a double bond between C14 and C15. At C11, there is a hydroxyl group (OH). At C21, there is a hydroxyl group (OH). At C3, there is a ketone group (C=O). At C16 and C17, there is a butylidenebis[oxy] group (O-CH-CH₂-CH₂-CH₃) in a red box.</p>

Flunisolid

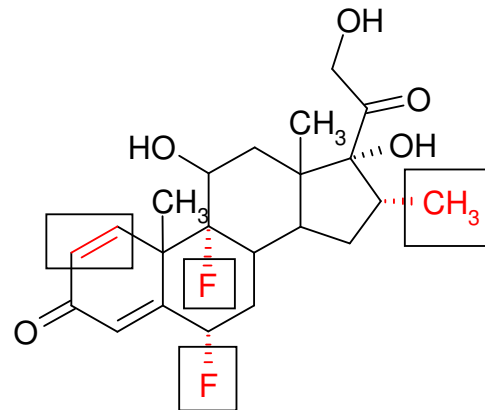
(6 α -fluoro-11,16 α ,17,21-tetrahydroxy-1,4-pregnadien-3,20-dion-16,17-acetonid)

MG:495

**Flumethason**

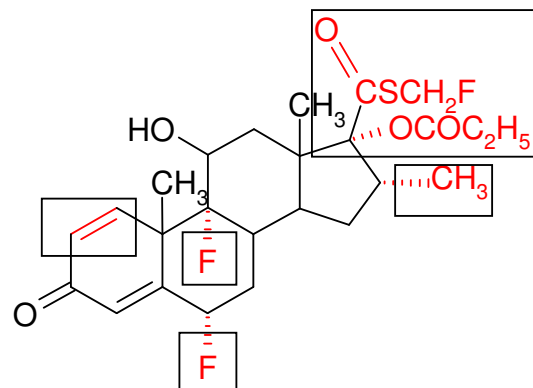
16 α -Methyl,6 α ,9 α -Fluor-Prednisolon
(6 α ,9 α -fluoro-16 α -methyl-1,4-pregnadien-11,17,21-triol-3,20-dion)

MG:410

**Fluticasonpropionat**

(S-fluoromethyl-6 α ,9 α -difluoro-11 β -Hydroxy-16 α -Methyl-3oxo-17 α propionyloxyandrost-1,4-dien-17 β -carbothiat)

MG:500,6

**Beclomethason(17-21-Dipropionat)**

(9 α -chloro-16 β -methyl-1,4-pregnadien-11 β -17-21-triol-3,20-dion)

MG:521

