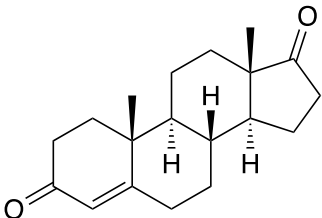
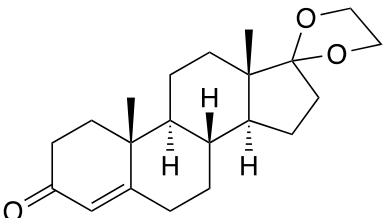
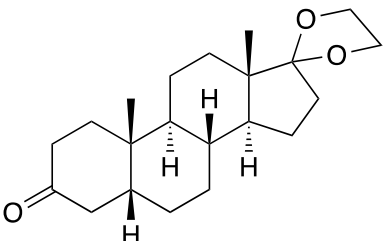
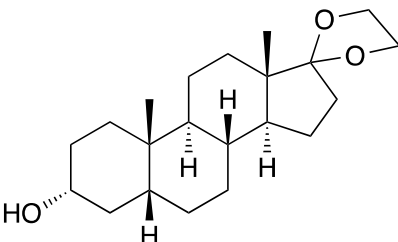
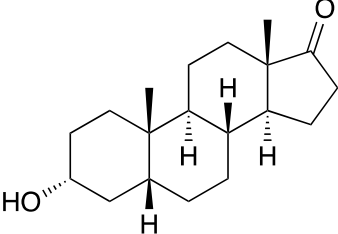
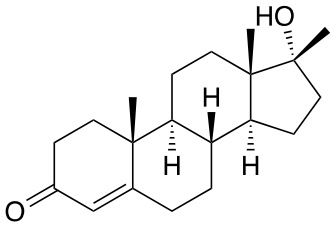
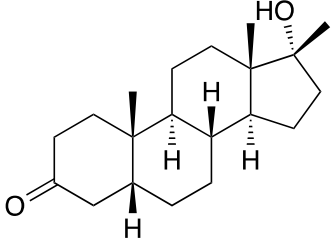
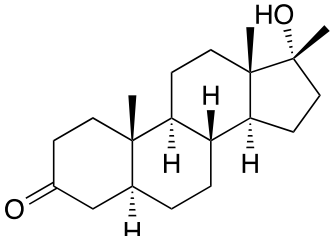
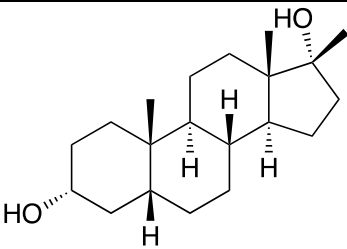
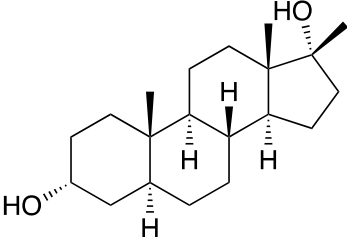
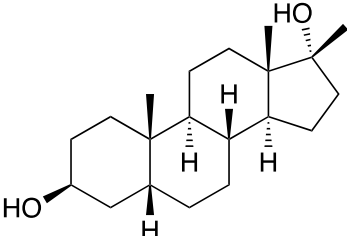
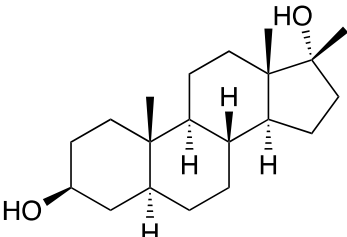


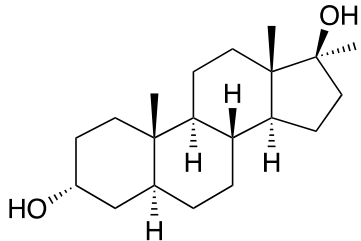
**Supplement S1.** List of steroids

No.	Systematic Name	Structure
1	Androst-4-ene-3,17-dione	
2	Spiro[androst-4-ene-17-2'-[1,3]-dioxolan]-3-one	
3	Spiro[5β-androstane-17-2'-[1,3]-dioxolan]-3-one	
4	Spiro[5β-androstane-17-2'-[1,3]-dioxolan]-3α-ol	
5	3α-Hydroxy-5β-androstan-17-one	

5a	3 $\alpha$ -Hydroxy-5 $\alpha$ -androstan-17-one	
6	17-Methylen-5 $\beta$ -androstan-3 $\alpha$ -ol	
6a	17-Methylen-5 $\alpha$ -androstan-3 $\alpha$ -ol	
7	Spiro[5 $\beta$ -androstan-17,2'-oxiran]-3 $\alpha$ -ol	
7a	Spiro[5 $\alpha$ -androstan-17,2'-oxiran]-3 $\alpha$ -ol	
8	17 $\alpha$ -Hydroxymethyl-17 $\beta$ -methyl-18-nor-5 $\beta$ -androst-13-en-3 $\alpha$ -ol	
8a	17 $\alpha$ -Hydroxymethyl-17 $\beta$ -methyl-18-nor-5 $\alpha$ -androst-13-en-3 $\alpha$ -ol	

9	17 $\alpha$ -Hydroxy-17 $\beta$ -methyl-androst-4-en-3-one	
10	17 $\alpha$ -Hydroxy-17 $\beta$ -methyl-5 $\beta$ -androstan-3-one	
10a	17 $\alpha$ -Hydroxy-17 $\beta$ -methyl-5 $\alpha$ -androstan-3-one	
11	17 $\beta$ -Methyl-5 $\beta$ -androstane-3 $\alpha$ ,17 $\alpha$ -diol	
11a	17 $\beta$ -Methyl-5 $\alpha$ -androstane-3 $\alpha$ ,17 $\alpha$ -diol	
11b	17 $\beta$ -Methyl-5 $\beta$ -androstane-3 $\beta$ ,17 $\alpha$ -diol	
11c	17 $\beta$ -Methyl-5 $\alpha$ -androstane-3 $\beta$ ,17 $\alpha$ -diol	

12	17 $\beta$ -Hydroxy-17 $\alpha$ -methyl-androsta-1,4-dien-3-one	
13	6 $\beta$ ,17 $\beta$ -Dihydroxy-17 $\alpha$ -methyl-androsta-1,4-dien-3-one	
14	17 $\alpha$ -Hydroxy-17 $\beta$ -methyl-androsta-1,4-dien-3-one	
15	17 $\beta$ -Methyl-5 $\beta$ -androst-1-en-3 $\alpha$ ,17 $\alpha$ -diol	
16	17,17-Dimethyl-18-nor-5 $\beta$ -androsta-1,13-dien-3 $\alpha$ -ol	
17	17 $\beta$ -Hydroxymethyl-17 $\alpha$ -methyl-18-nor-androsta-1,4,13-trien-3-one	
18	17 $\beta$ -Hydroxy-17 $\alpha$ -methyl-androst-4-en-3-one	

19	17 $\alpha$ -Methyl-5 $\alpha$ -androstane-3 $\alpha$ ,17 $\beta$ -diol	
20	17 $\alpha$ -Methyl-5 $\beta$ -androstane-3 $\alpha$ ,17 $\beta$ -diol	