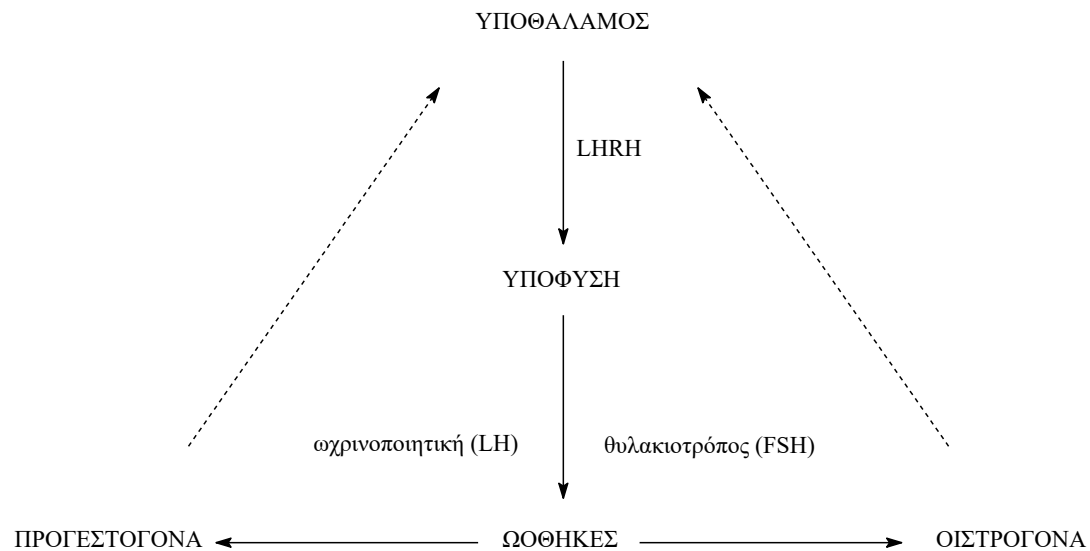
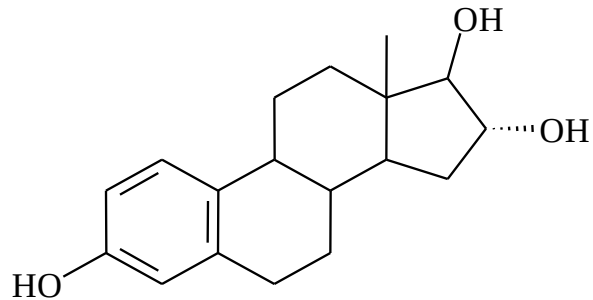
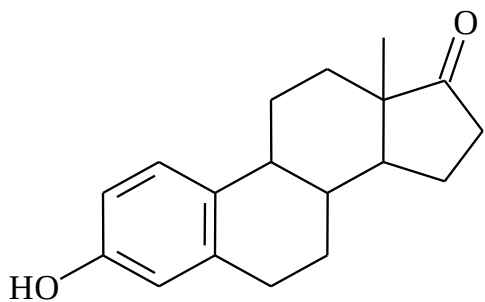
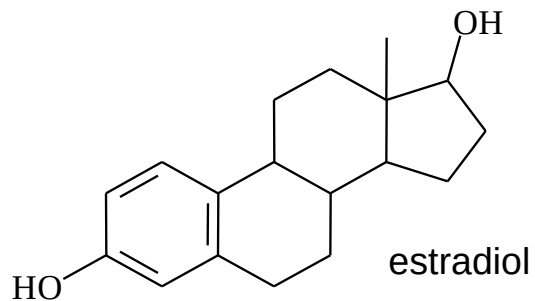
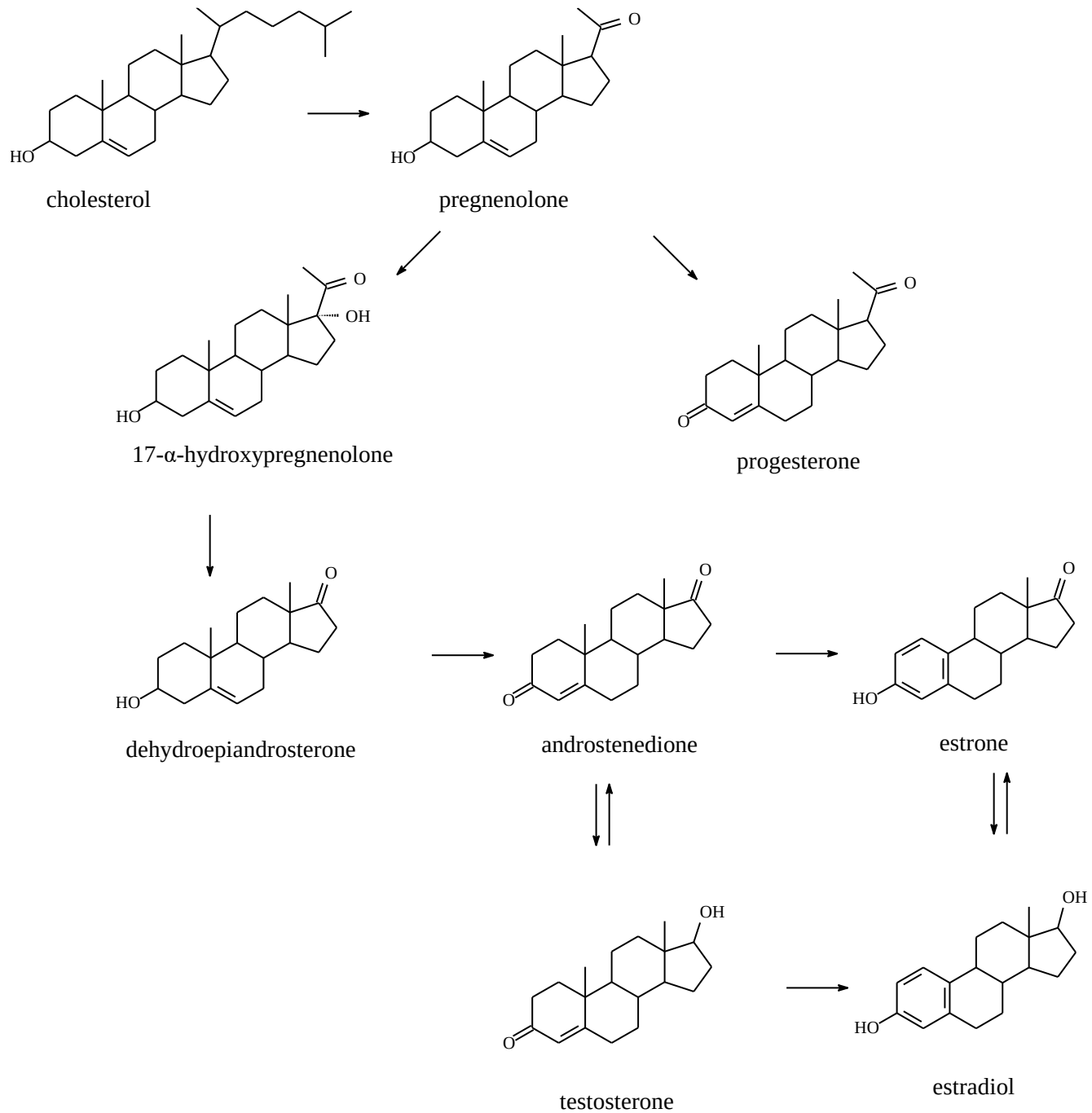


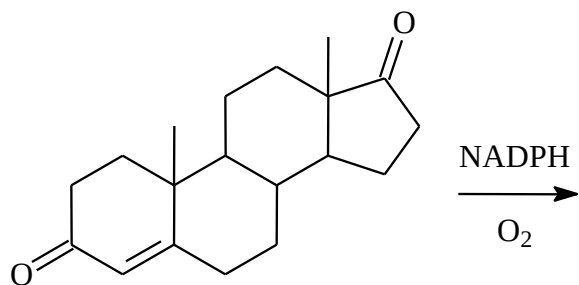
ΟΙΣΤΡΟΓΟΝΑ



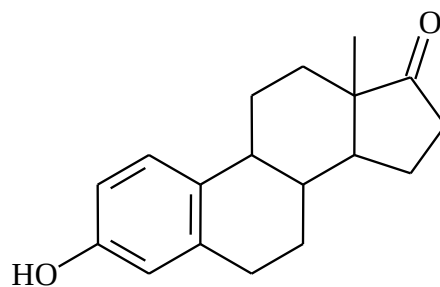
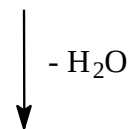
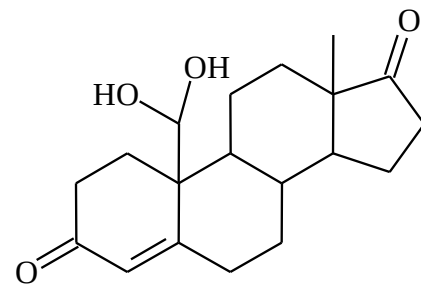
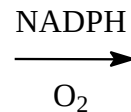
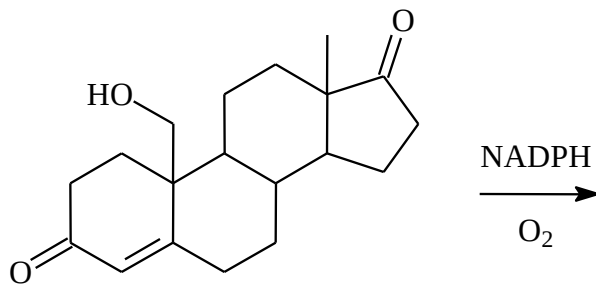
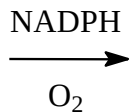
estrone

estriol

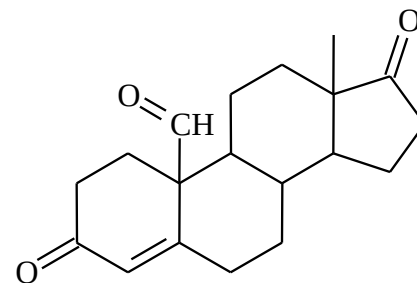
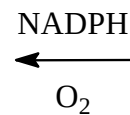


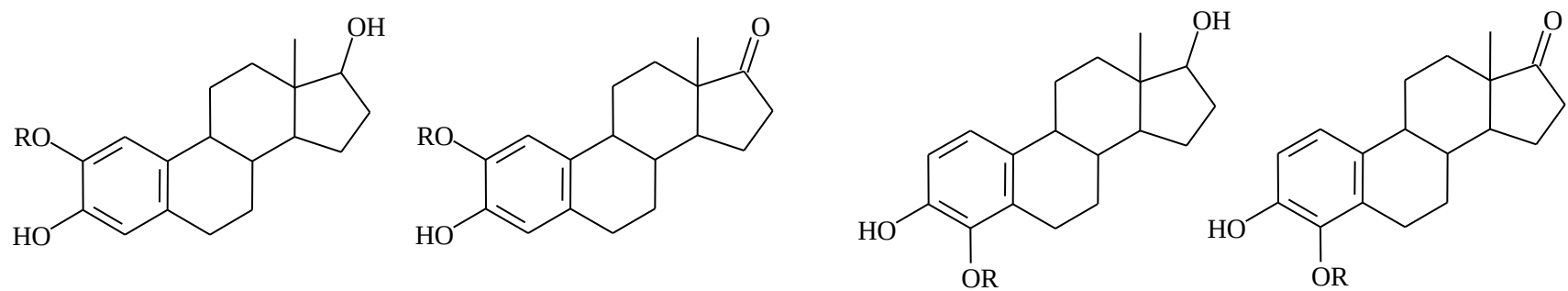
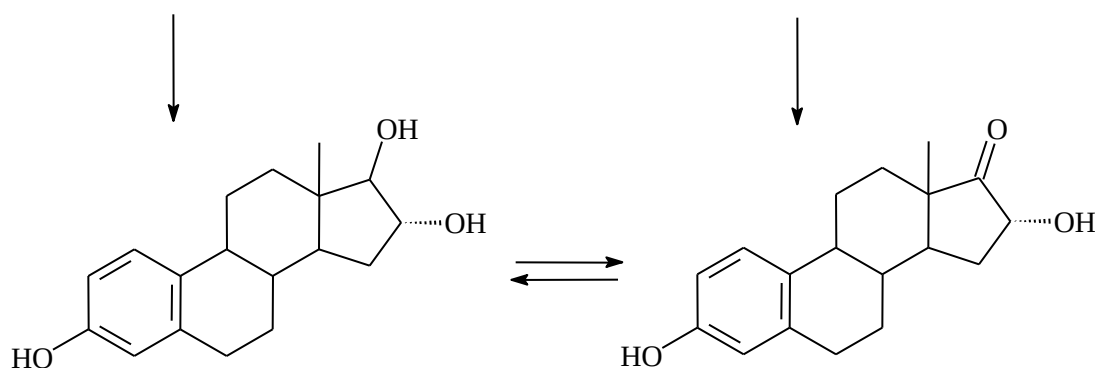
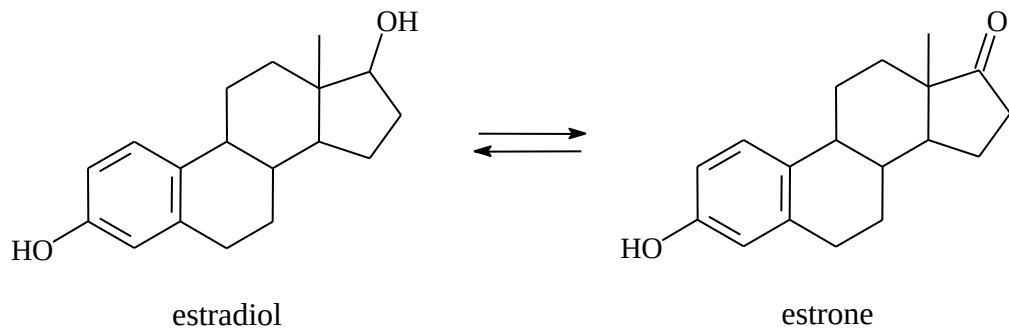


androstendione

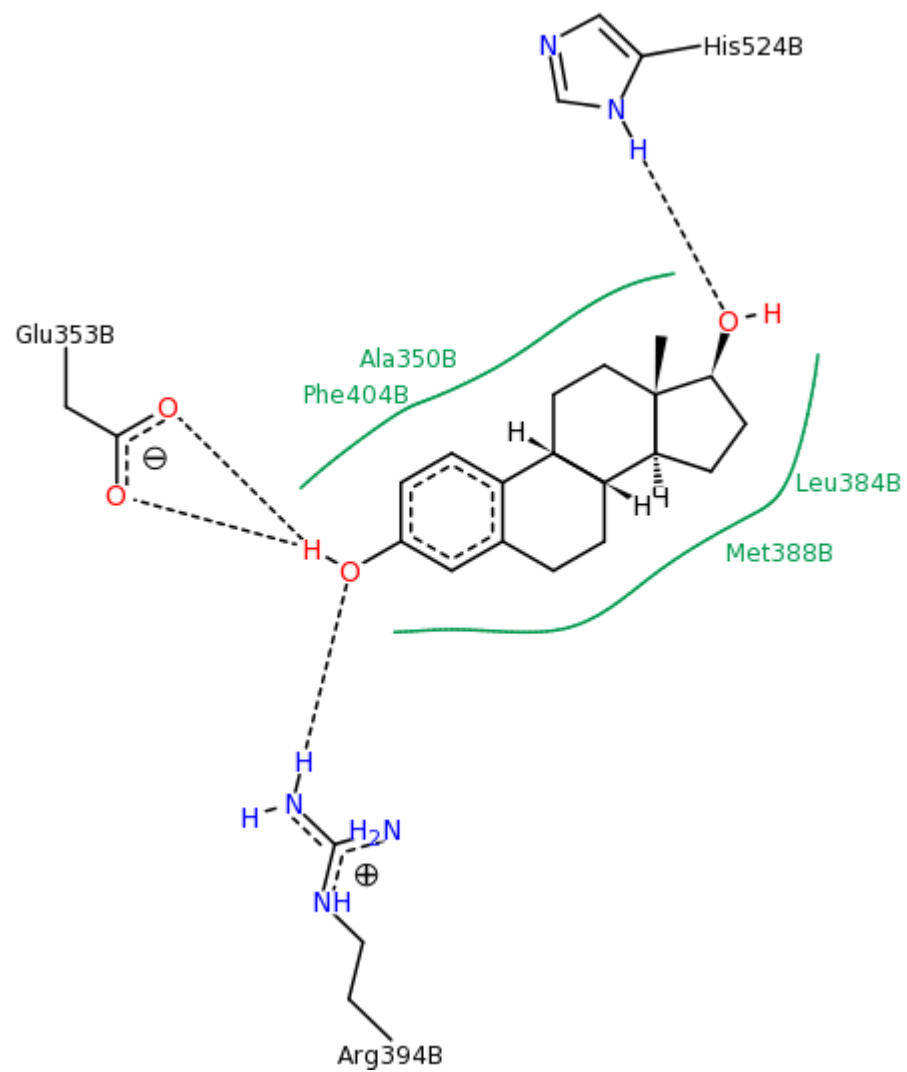


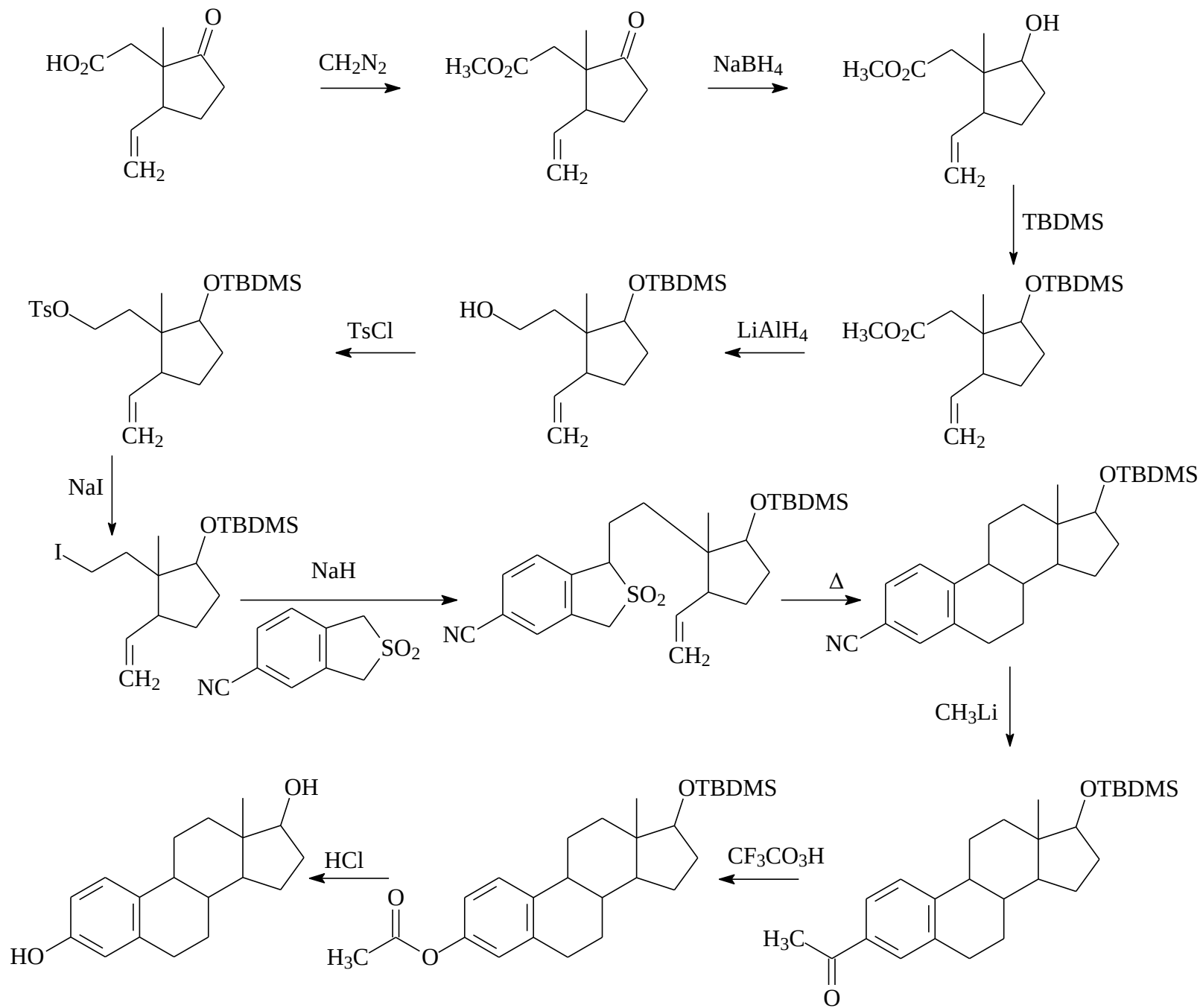
estrone

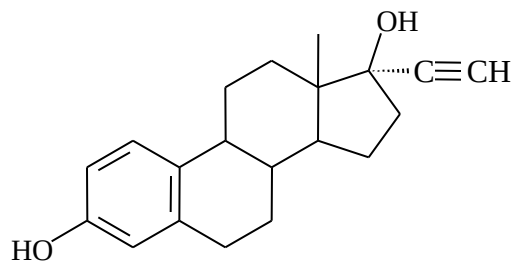




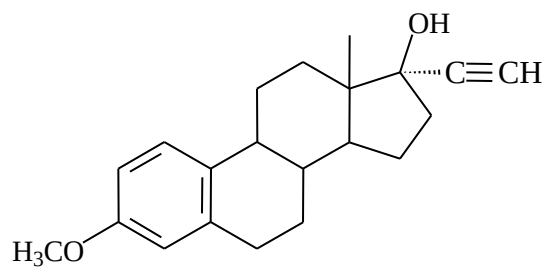
R: H, CH₃



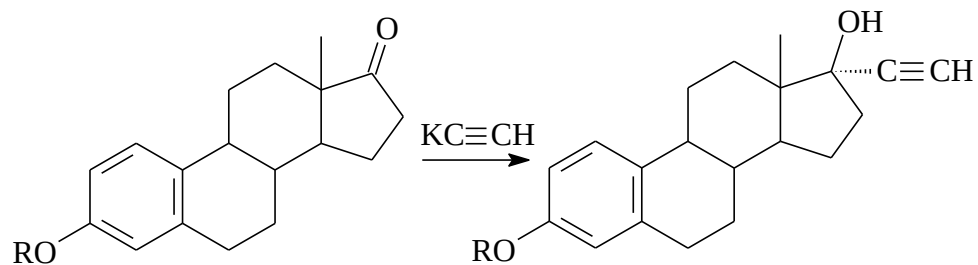




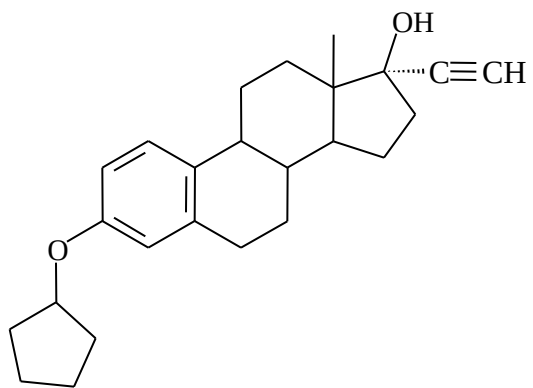
ethinyl estradiol

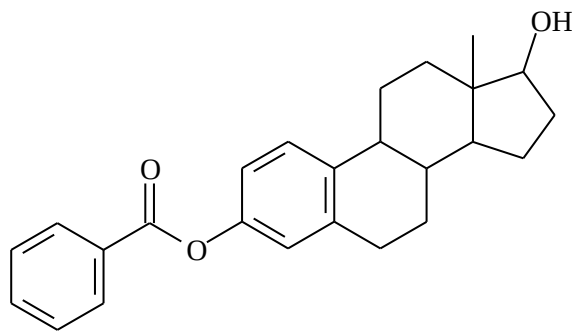


mestranol

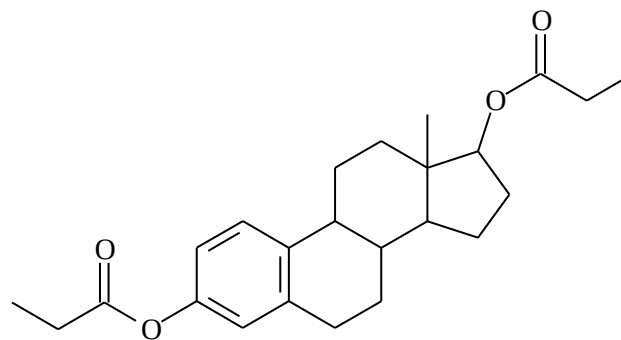


quínestrol

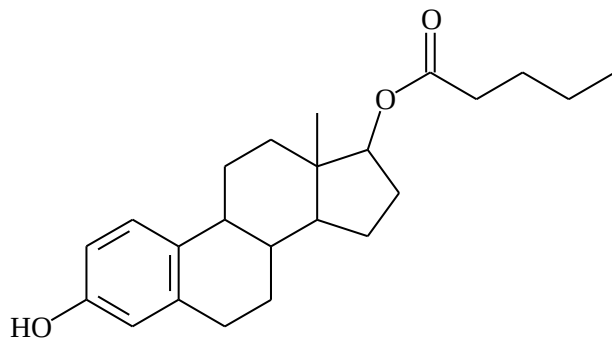




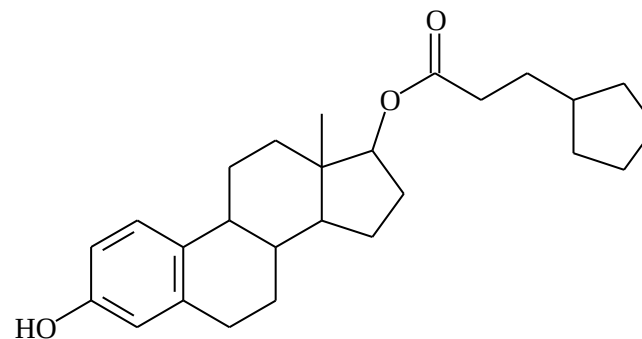
estradiol 3-benzoate



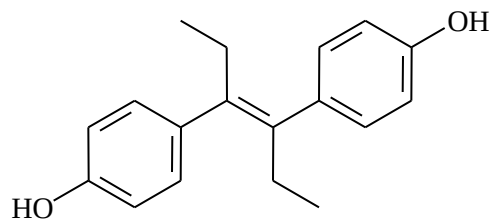
estradiol 3,17-dipropionate



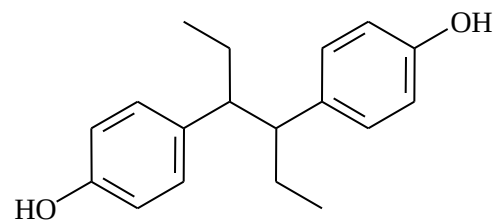
estradiol 17-valerate



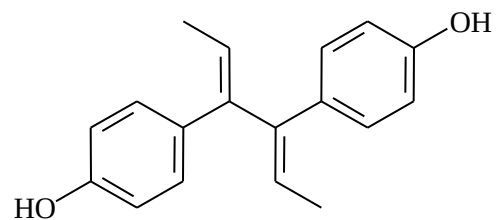
estradiol cypionate



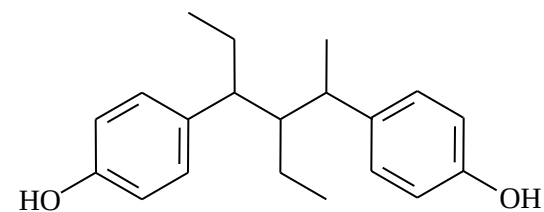
diethylstilbestrol



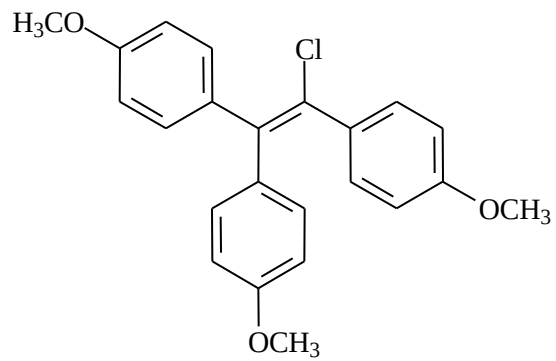
hexestrol



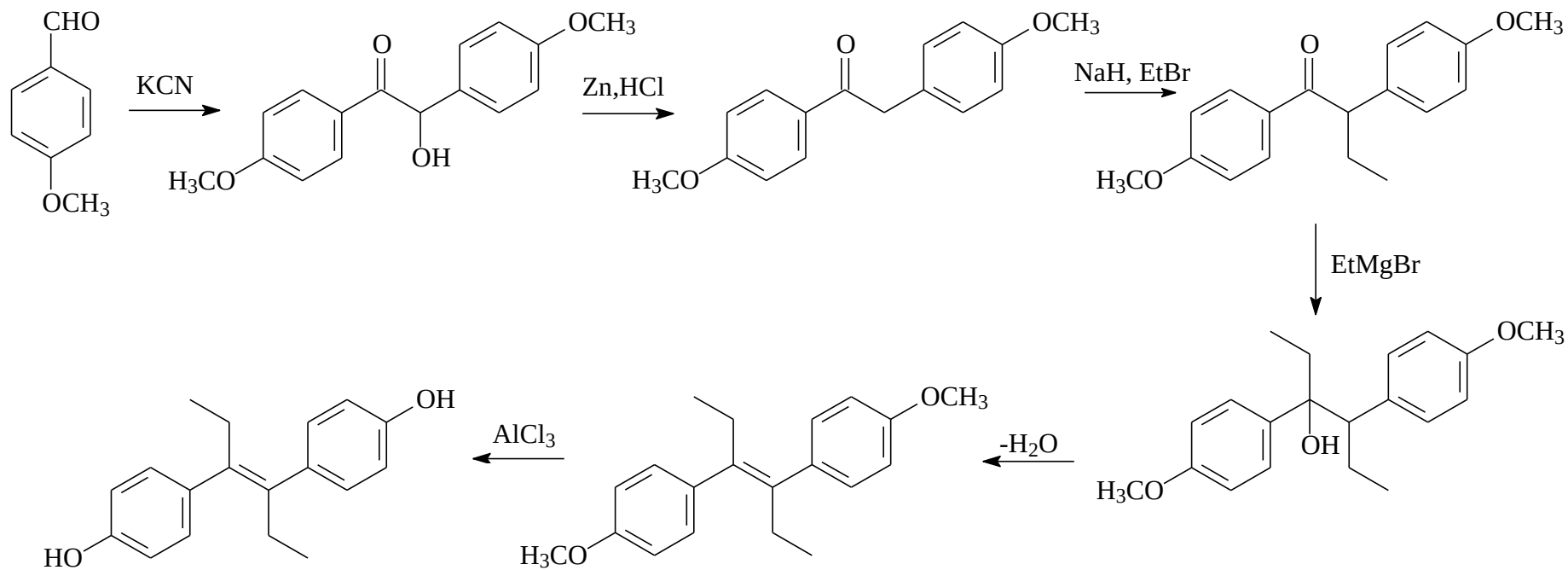
dienestrol

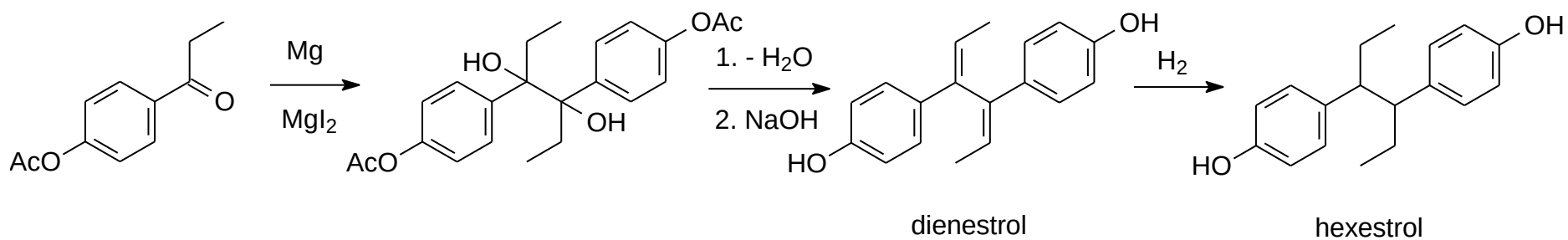


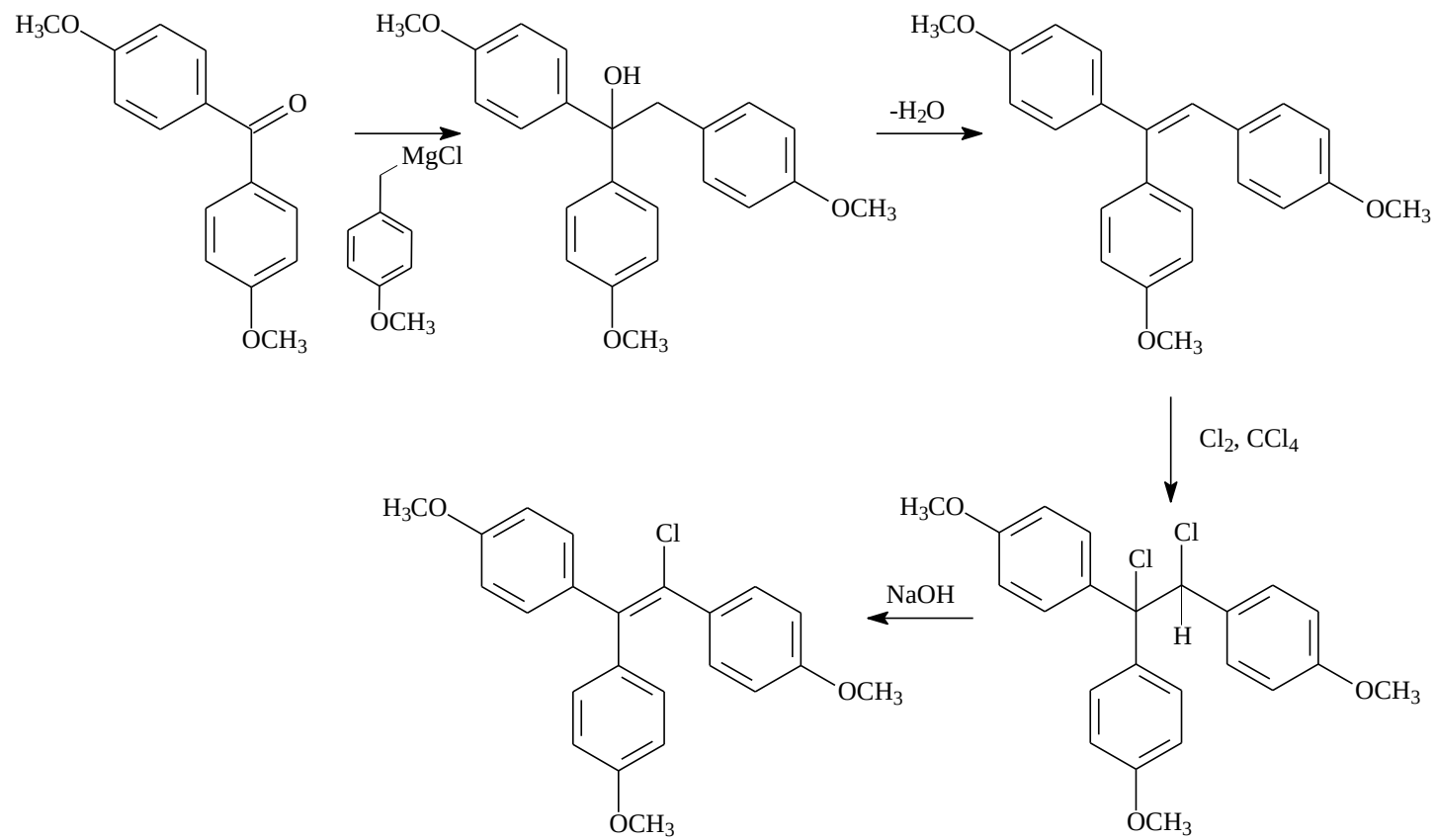
benzestrol



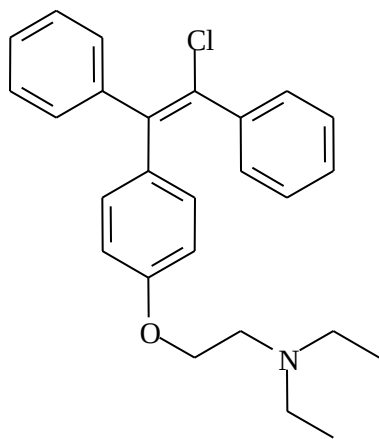
chlorotrianene



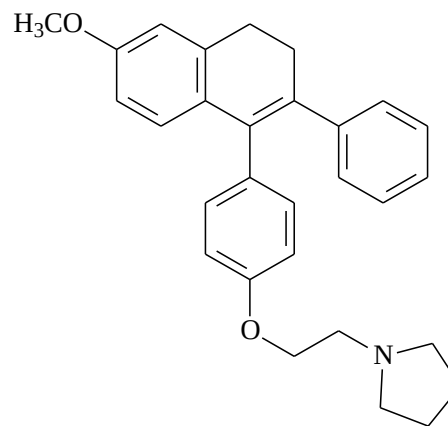




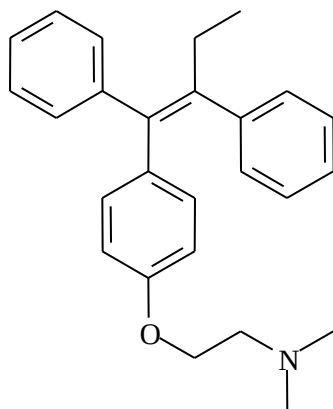
ΜΗ ΣΤΕΡΟΕΙΔΗ ΑΝΤΙΟΙΣΤΡΟΓΟΝΑ



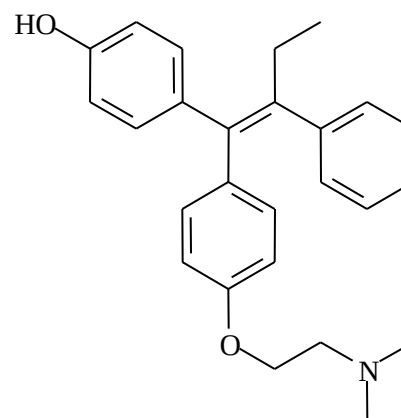
chlomiphene



nafoxidine

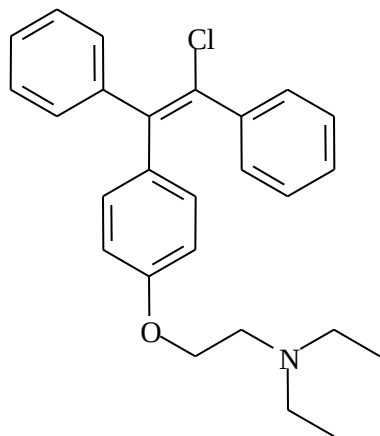


tamoxifene



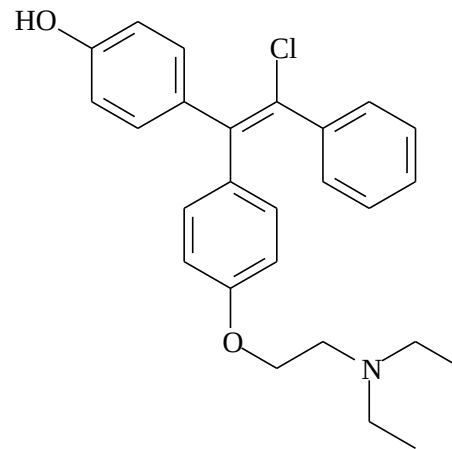
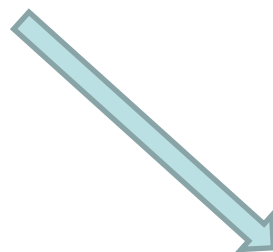
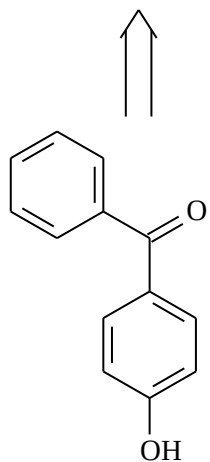
monohydroxytamoxifene

ΜΗ ΣΤΕΡΟΕΙΔΗ ΑΝΤΙΟΙΣΤΡΟΓΟΝΑ

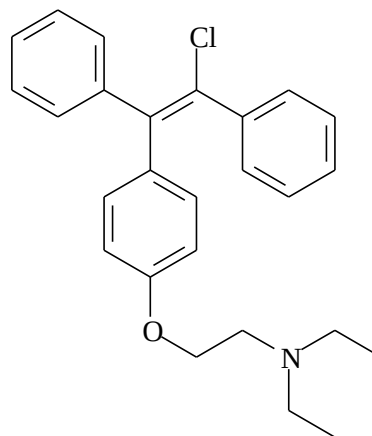


chlomiphene

Συνδέεται εκλεκτικά στους οιστρογονικούς υποδοχείς του υποθαλάμου

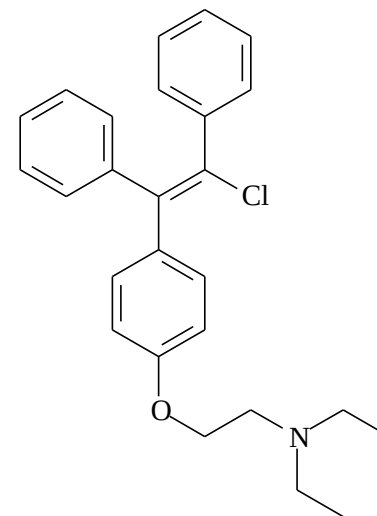


Μεταβολική οξείδωση



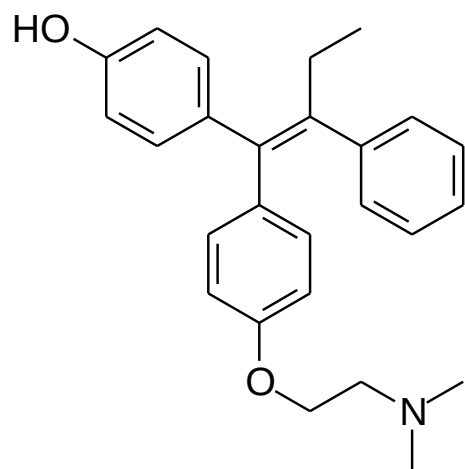
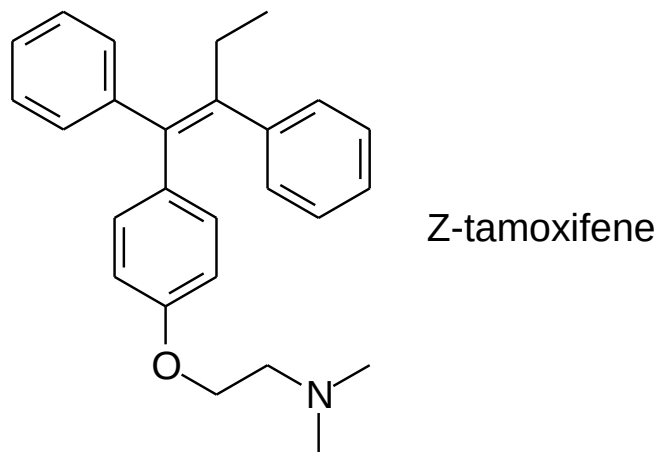
Enclomiphene

Αντιοιστογόνος δράση

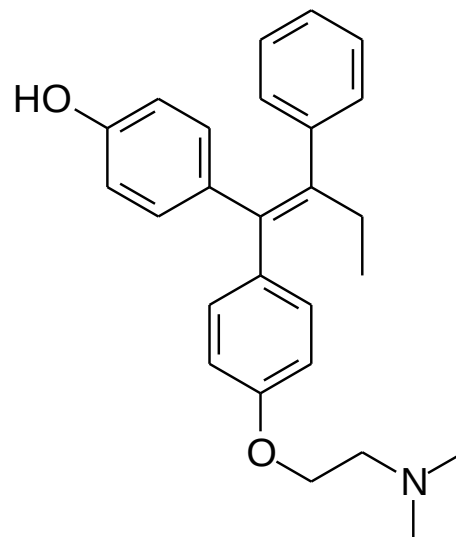
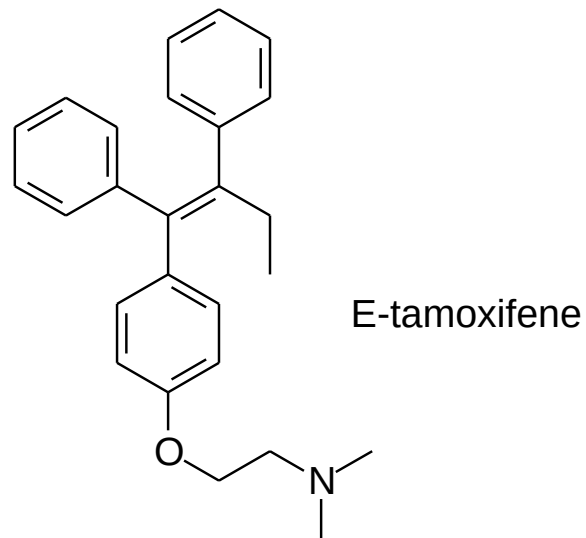


Zuclomiphene

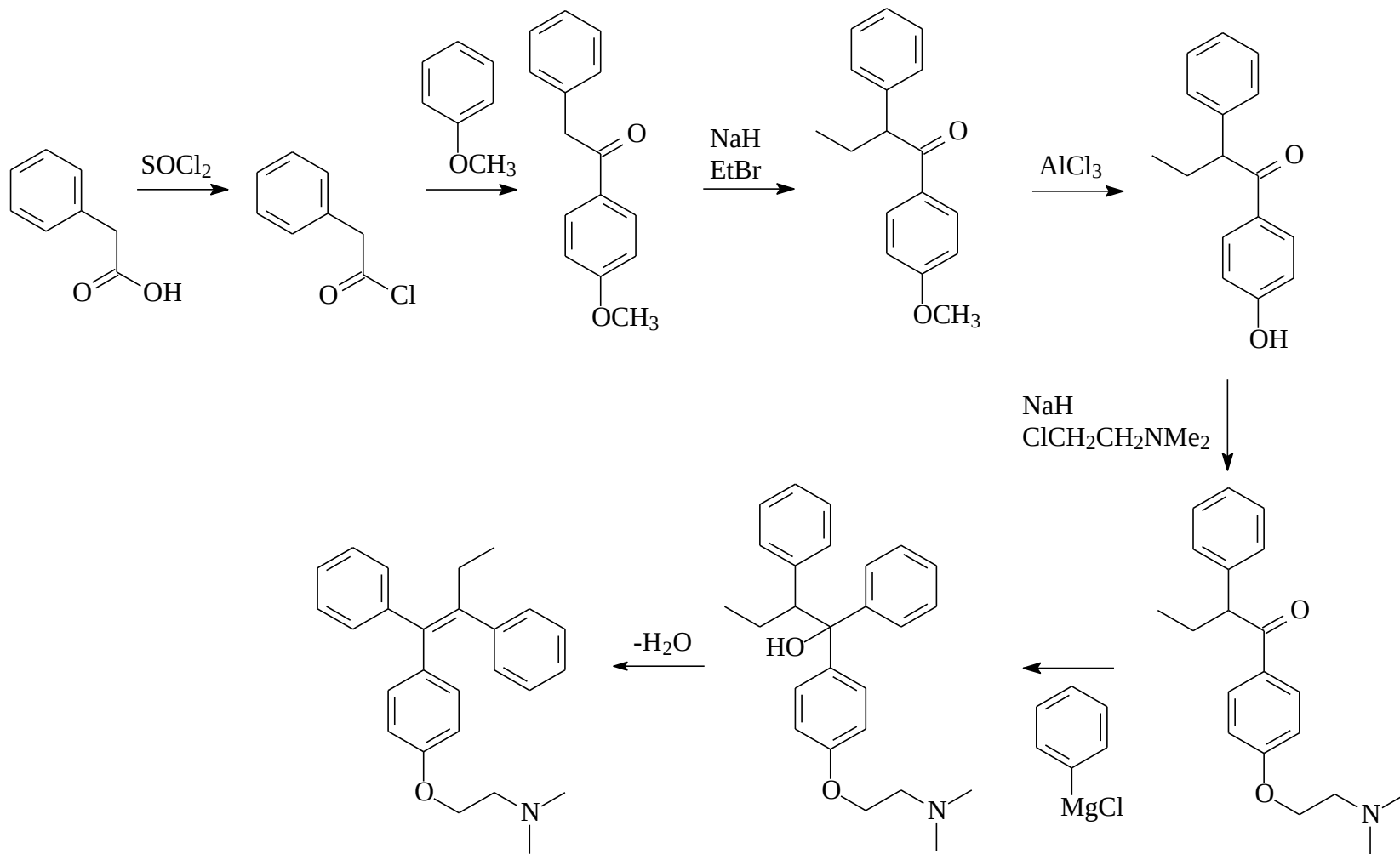
Οιστογόνος δράση



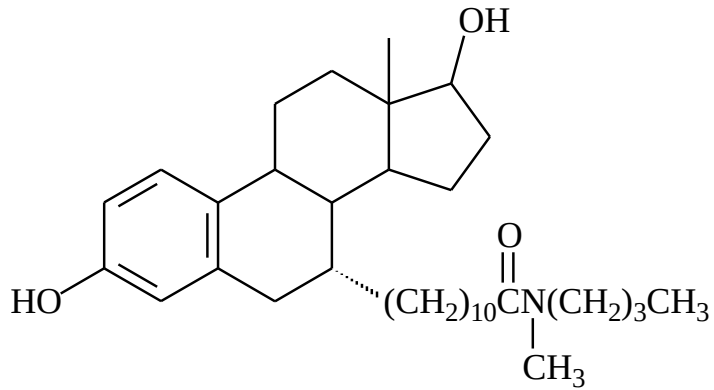
Αντιοιστρογόνος δράση



Οιστρογόνος δράση

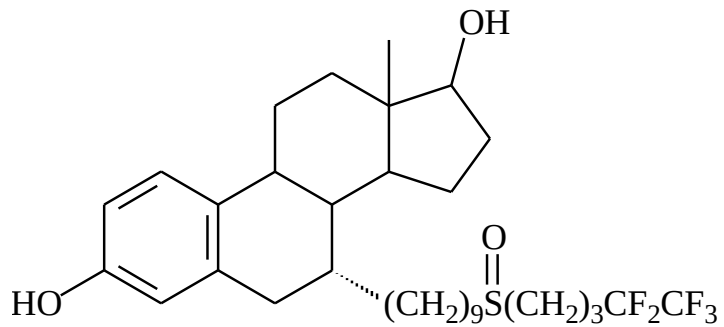


ΣΤΕΡΟΕΙΔΗ ΑΝΤΙΟΙΣΤΡΟΓΟΝΑ



ICI 164,384

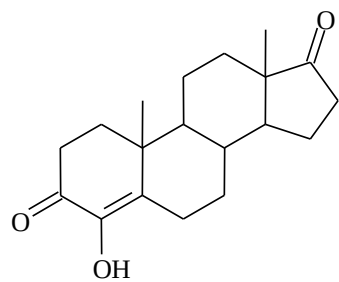
Στερούνται οιστρογόνου δράσης



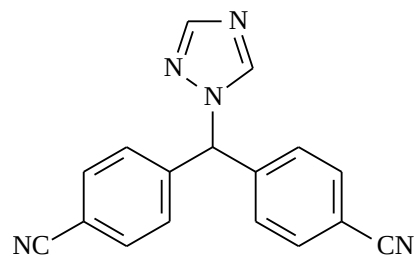
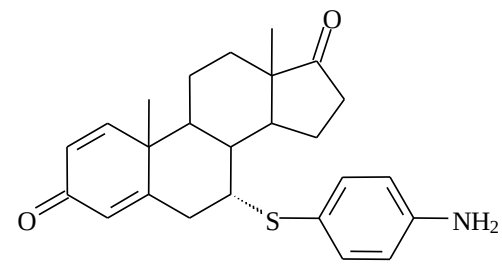
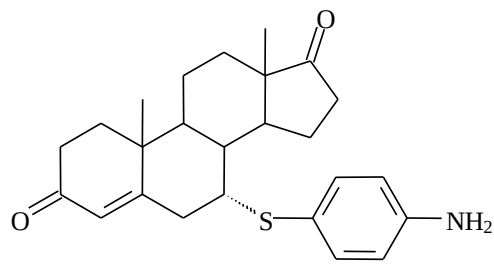
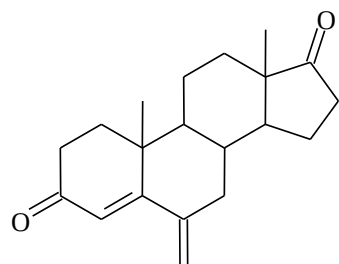
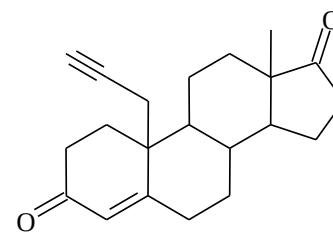
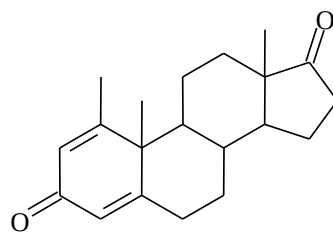
fulvestrant

Έναντι ανθεκτικού στο tamoxifen μεταστατικού καρκίνου του μαστού

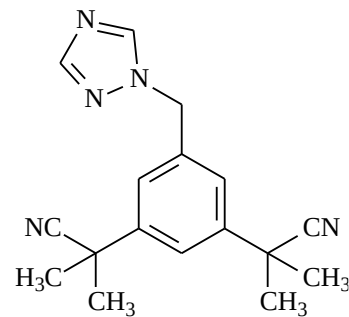
ΑΝΑΣΤΟΛΕΙΣ ΤΗΣ ΑΡΩΜΑΤΑΣΗΣ



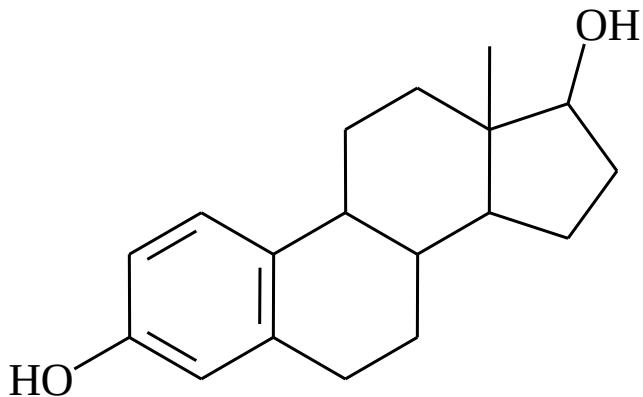
4-hydroxyandrostenedione



letrozole

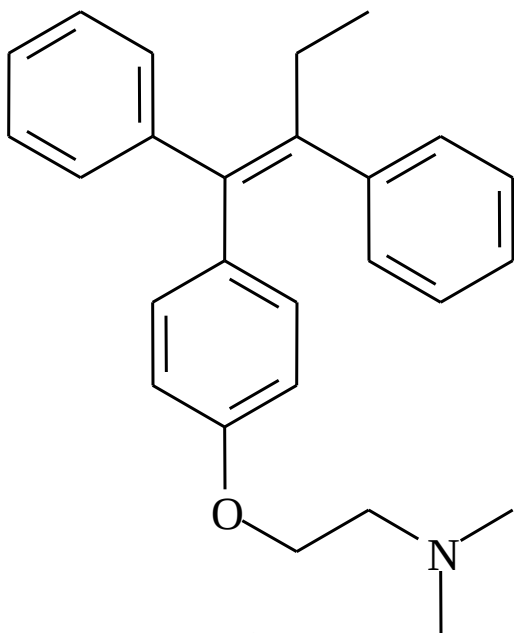


anastrozole



estradiol

Δρά (**αγωνιστικά**) στους οιστρογονικούς υποδοχείς:
Μήτρας, μαστού, οστών, καρδιαγγειακού συστήματος
ΚΝΣ

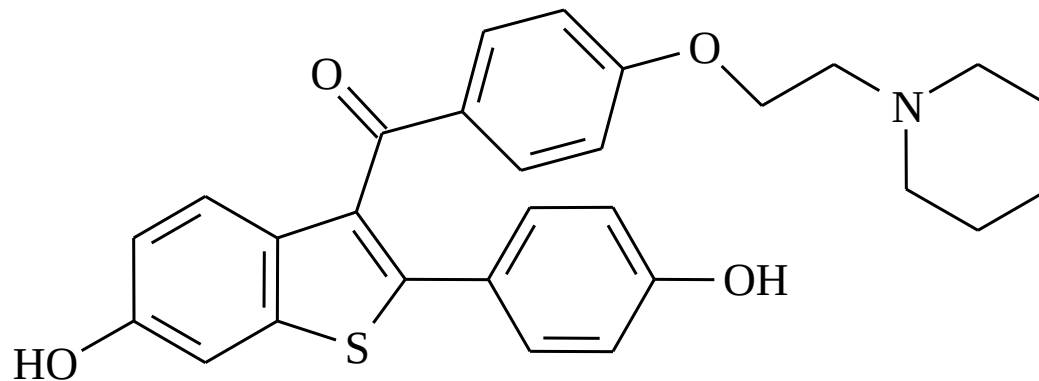


tamoxifene

Δρά ως **ανταγωνιστής** στους οιστρογονικούς υποδοχείς
του μαστού και
ως **αγωνιστής** στους αντίστοιχους υποδοχείς οστών και
αγγείων,

Όμως

Δρά ως **αγωνιστής** στους οιστρογονικούς υποδοχείς της
μήτρας



raloxifene

Δρά ως **ανταγωνιστής** στους οιστρογονικούς υποδοχείς του μαστού και ως **αγωνιστής** στους αντίστοιχους υποδοχείς οστών και αγγείων (μειώνει τα επίπεδα LDL χοληστερόλης),

Και επιπλέον

Δεν δρά ως αγωνιστής στους οιστρογονικούς υποδοχείς της μήτρας,

