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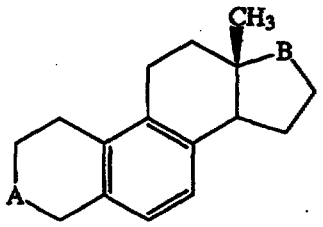
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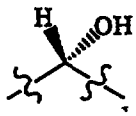
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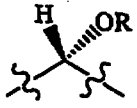
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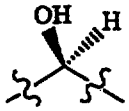
(I)



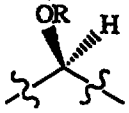
(a)



(b)



(c)



(d)

(57) Abstract

This invention provides estrogenic agents having formula (I) wherein A and B are each, independently, (a), (b), (c), or (d), R is $SO_3^-X^+$; X^+ is alkali metal, alkaline earth metal, ammonium, alkylammonium containing 1–6 carbon atoms, dialkylammonium containing 1–6 carbon atoms in each alkyl group, trialkylammonium containing 1–6 carbon atoms in each alkyl group or tetraalkylammonium containing 1–6 carbon atoms in each alkyl group; with the proviso that at least one of A or B is (b) or (d).