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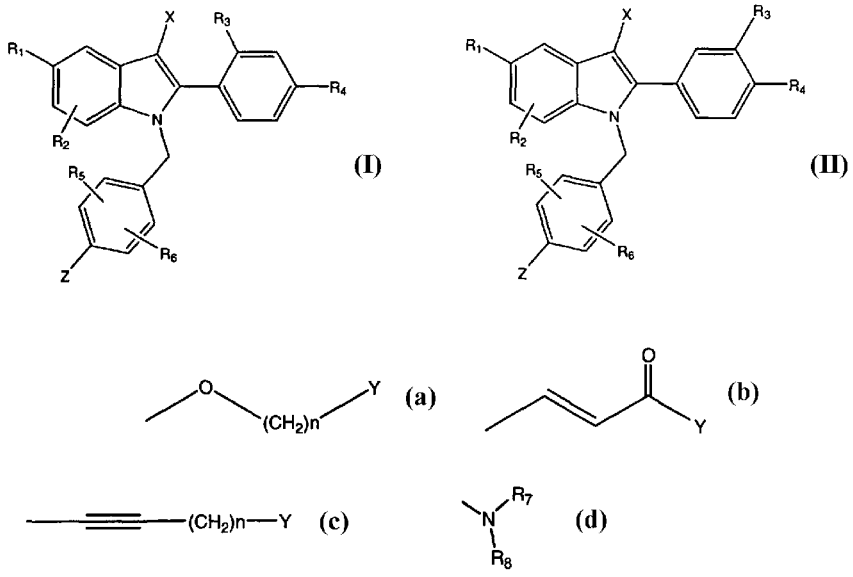
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(54) Title: PHARMACEUTICAL COMPOSITIONS OF ESTROGENIC AGENTS



(57) Abstract: This invention comprises novel pharmaceutical carrier or excipient systems and oral pharmaceutical formulations comprising as an active ingredient raloxifene, amoxifen, droloxifene, arzoxifene, or CP 336156, or analogs thereof, or a compound of formulae (I) or (II), wherein Z is a moiety selected from the group of formulae (a, b or c), wherein: R_1 is selected from H, OH or the C_1-C_{12} esters alkyl ethers thereof, benzyloxy, or halogen; or C_1-C_4 halogenated ethers; R_2, R_3, R_4, R_5, and R_6 are H, OH or C_1-C_{12} esters or alkyl ethers thereof, halogens, or C_1-C_4 halogenated ethers, cyano, C_1-C_6 alkyl, or CF_3, with the proviso that, when R_1 is H, R_2 is not OH; Y is the moiety:formulae (d), wherein R_7 and R_8 are alkyl or concatenated together to form an optionally substituted, nitrogen-containing ring; or a pharmaceutically acceptable salt thereof; and excipients chosen from pharmaceutical fillers, glidants, lubricants, wetting agents and antioxidants.

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