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(54) Title: 10-ARYL-11-H/BENZO [b]FLUORENE DERIVATIVES AND ANALOGS FOR MEDICINAL USE

(57) Abstract: The invention provides for a non-steroidal compound having the formula [I], wherein R^e and R^e are OH, optionally independently etherified or esterified; Z is -CH₂- or -CH₂CH₂-; R¹ is H, halogen, CF₃, or (1C-4C)alkyl; R², R³ and R⁴ are independently H, halogen, -CF₃, -OCF₃, (1C-8C)Alkyl, hydroxy, (1C-8C)alkyloxy, aryloxy, aryl(1C-8C)alkyl, halo(1C-8C)alkyl, -O(CH₂)_mX, wherein X is halogen or phenyl and m = 2-4; -O(CH₂)_mNR_aR_b, -S(CH₂)_mNR_aR_b or -(CH₂)_mNR_aR_b, wherein m = 2-4 and R_a, R_b are independently (1C-8C)alkyl, (2C-8C)alkenyl, (2C-8C)alkynyl, or aryl, optionally substituted with halogen, -CF₃, -OCF₃, -CN, -NO₂, -OH, (1C-8C)alkoxy, aryloxy, carboxyl, (1C-8C)alkylthio, carboxylate, (1C-8C)alkyl, aryl, aryl(1C-8C)alkyl, halo(1C-8C)alkyl or R_a and R_b form a 3-8 membered ring structure, optionally substituted with halogen, -CF₃, -OCF₃, -CN, -NO₂, hydroxy, hydroxy(1C-4C)alkyl, (1C-8C)alkoxy, aryloxy, (1C-8C)alkylthio, carboxyl, carboxylate, (1C-8C)alkyl, aryl, aryl(1C-8C)alkyl, halo(1C-8C)alkyl. The compounds can be used for the preparation of a medicine, in particular for use in estrogen-receptor-related treatments.