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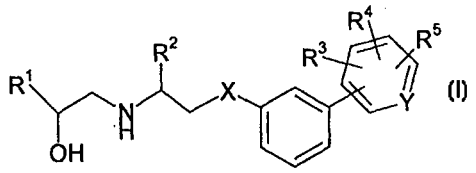
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(57) Abstract

The present invention relates to therapeutic biaryl derivatives of formula (I), and pharmaceutically acceptable derivatives thereof; wherein R^1 is a phenyl, naphthyl, pyridyl, thiazolyl, phenoxymethyl, or pyrimidyl group, optionally substituted by one or more substituents selected from the group consisting of halogen, hydroxy, C_{1-6}alkoxy, C_{1-6}alkyl, nitro, cyano, hydroxymethyl, trifluoromethyl, $-NR^6R^6$, and $-NHSO_2R^6$, where each R^6 is independently hydrogen or C_{1-4}alkyl; R^2 is hydrogen or C_{1-6}alkyl; X is oxygen, sulfur, –NH, or $-NC_{1-4}$alkyl; R^3 is cyano, tetrazol–5–yl, or $-CO_2R^7$ where R^7 is hydrogen or C_{1-6}alkyl; R^4 and R^5 are independently hydrogen, C_{1-6}alkyl, $-CO_2H$, $-CO_2C_{1-6}$alkyl, cyano, tetrazol–5–yl, halogen, trifluoromethyl, or C_{1-6}alkoxy, or, when R^4 and R^5 are bonded to adjacent carbon atoms, R^4 and R^5 may, together with the carbon atoms to which they are bonded, form a fused 5 or 6 membered ring optionally containing one or two nitrogen, oxygen, or sulfur atoms; and Y is N or CH, to processes for their preparation and their use in the treatment of diseases susceptible to amelioration by treatment with a beta–3 adrenoceptor agonist.

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