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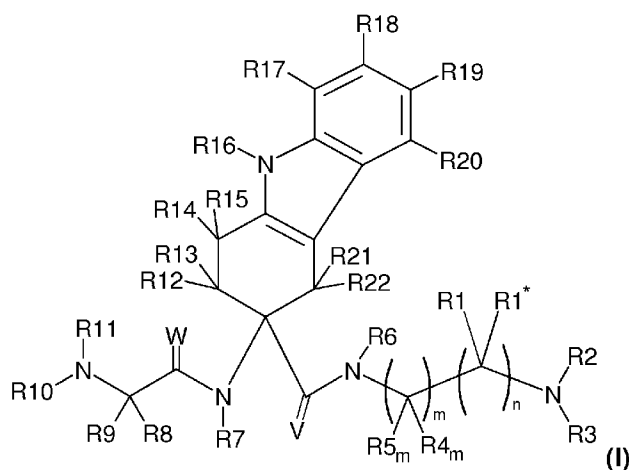
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(54) Title: NOVEL TETRAHYDROCARBAZOLE DERIVATIVES AS LIGANDS OF G-PROTEIN COUPLED RECEPTORS



(57) **Abstract:** The present invention provides novel tetrahydrocarbazole derivatives according to formula (I) as ligands of G-protein coupled receptors (GPCR). The compounds of the invention are useful in the treatment and/or prophylaxis of physiological and/or pathological conditions in mammals, preferably humans, which are mediated by GPCR or of physiological and/or pathological conditions which can be treated by modulation of these receptors. The present invention further provides LHRH receptor antagonists that can be used for the modulation of these receptors and are useful for treating above conditions, in particular prostate cancer, breast cancer, uterine cancer, endometrial cancer, cervical cancer, ovarian cancer, benign prostate hyperplasia (BPH)1 endometriosis, uterine fibroids, uterine myomas, endometrium hyperplasia, dysmenorrhoea, dysfunctional uterine bleeding (menorrhagia, metrorrhagia), pubertas praecox, hirsutism, polycystic ovary syndrome, hormone-dependent tumor diseases, HIV infections or AIDS, neurological or neurodegenerative disorders, ARC (AIDS related complex), Kaposi sarcoma, tumors originating from the brain and/or nervous system and/or meninges, dementia, Alzheimer's disease, nausea and vomiting, pain, inflammations, rheumatic and arthritic pathological states.