

Title (en)
STEROID COMPOUNDS FOR STEROID RECEPTOR BINDING ASSAYS

Title (de)
STEROIDVERBINDUNGEN ZUR STEROIDREZEPTOREN-BINDUNGSASSAYS

Title (fr)
COMPOSES STEROIDIQUES DESTINES A DES DOSAGES PAR LIAISON DE RECEPTEUR DE STEROIDES

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Abstract (en)
[origin: WO0140805A1] The invention provides a compound having binding affinity for a receptor and comprising a steroid skeleton in its molecular structure, which compound is according to formula (1) wherein: Bu is a sterically bulky structure or Bu is a molecular moiety having high affinity for a sterically bulky molecular structure; A is -NH-, -O-, -C(O)- or -S-; Y is a branched or unbranched, saturated or unsaturated chain of 2 to 18 atoms of carbon, which chain is optionally interrupted by replacements of carbon atoms by oxygen, nitrogen or sulfur atoms and is optionally substituted with keto, hydroxyl, sulfhydryl or halogen groups; X is a carbon atom or an arylene group linked to the steroid skeleton with a carbon or an oxygen atom; Ste is a group with a steroidal skeleton, having binding affinity for a steroid receptor; and dotted lines represent optional double or triple bonds. The invention also provides for a method for determination of binding between a compound having a molecular group L in its molecular structure and a compound having a molecular group R in its molecular structure, in which method L is the group Ste as defined above and R is a steroid receptor.

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