

Title (en)
METHOD OF MODULATING IL-6

Title (de)
VERFAHREN ZUR IL-6-MODULATION

Title (fr)
PROCEDE DE MODULATION DE IL-6

Publication
EP 1592431 A4 20070822 (EN)

Application
EP 04702261 A 20040115

Priority
• AU 2004000049 W 20040115
• AU 2003900194 A 20030115

Abstract (en)
[origin: WO2004062675A1] Use of a glycoalkaloid composition containing at least one Z Glycoalkaloid of formula I, wherein: either one or both of the dotted lines represents a double bond, and the other a single bond, or both represent single bonds; A: represents a radical selected from the radicals of general formulae (II) to (V); each of R<1> is a radical separately selected from the group consisting of hydrogen, amino, oxo and OR<4>; each of R<2> is a radical separately selected from the group consisting of hydrogen, amino and OR<4>; each of R<3> is a radical separately selected from the group consisting of hydrogen, carbohydrate and a carbohydrate; "X" is a radical selected from the group comprising -CH2-, -O- and -NH2-; and wherein the compound includes at least one R<4> group that is a carbohydrate or a derivative such as one selected from the group comprising glyceric aldehyde, glycerose, erythrose, threose, ribose, arabinose, xylose, lyxose, altrose, allose, gulose, mannose, glucose, idose, galactose, talose, rhamnose, dihydroxyactone, erythrulose, ribulose, xylulose, psicose, fructose, sorbose, tagatose, and other hexoses, heptoses, octoses, nanoses, decoses, deoxysugars with branched chains, (e.g. apiose, hamamelose, streptose, cordycepose, mycarose and cladinoses), compounds wherein the aldehyde, ketone or hydroxyl groups have been substituted (e.g. N-acetyl, acetyl, methyl, replacement of CH2OH), sugar alcohols, sugar acids, benzimidazoles, the enol salts of the carbohydrates, saccharinic acids, sugar phosphates; as an IL-6 antagonist.

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IPC 8 full level
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Citation (search report)
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• [X] EP 0020029 A1 19801210 - ARUBA PTY LTD [AU]
• [X] US 2002006931 A1 20020117 - BEACHY PHILIP A [US], et al
• [A] VILLUNGER A ET AL: "Constituents of autocrine IL-6 loops in myeloma cell lines and their targeting for suppression of neoplastic growth by antibody strategies.", INTERNATIONAL JOURNAL OF CANCER. JOURNAL INTERNATIONAL DU CANCER 8 FEB 1996, vol. 65, no. 4, 8 February 1996 (1996-02-08), pages 498 - 505, XP002421949, ISSN: 0020-7136
• See references of WO 2004062675A1

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