

Title (en)
REGULATION OF CELLULAR APOPTOSIS USING MODULATORS OF β (b)-AR RECEPTORS

Title (de)
REGULIERUNG DER ZELLAPOPTOSE DURCH BETA-ADRENOREZEPTOR-MODULATOREN

Title (fr)
REGULATION DE L'APOPTOSE CELLULAIRE PAR DES MODULATEURS DE RECEPTEURS β (b)-AR

Publication
EP 1017373 A2 20000712 (FR)

Application
EP 98945354 A 19980922

Priority
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• FR 9711820 A 19970923

Abstract (en)
[origin: FR2768626A1] Use of a beta -adrenergic modulator to obtain an apoptosis-regulating medicament is new. PREFERRED MODULATOR - The beta -adrenergic modulator is a beta 1, beta 2 or beta 3 adrenergic receptor agonist or antagonist. A beta 2 adrenergic receptor agonist is used to inhibit apoptosis of hepatocytes. EXAMPLE - C57BL/6 mice receiving drinking water containing 1.3 mg/l clenbuterol (a specific beta 2-adrenergic receptor) for 18 hours before intra-venous injection with 15 μ g anti-Fas monoclonal antibody Jo2 had a survival time of 200-210 minutes, compared with 150-175 minutes for non-pretreated mice.

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A61K 31/00; **A61K 31/135**

IPC 8 full level
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