

Title (en)

N?6 -SUBSTITUTED-ADENOSINE-5'-URONAMIDES AS ADENOSINE RECEPTOR MODULATORS

Title (de)

N6-SUBSTITUIERTE ADENOSIN-5'-URONAMIDE ALS ADENOSIN-REZEPTOR-MODULATOREN

Title (fr)

N?6 -SUBSTITUES-ADENOSINE-5'-URONAMIDES UTILES COMME MODULATEURS DE RECEPTEURS D'ADENOSINE

Publication

EP 1019427 A4 20000719 (EN)

Application

EP 98939156 A 19980729

Priority

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- US 5406497 P 19970729

Abstract (en)

[origin: WO9906053A1] A series of adenosine-5'-uronamide derivatives bearing N<6>-arylurea, alkarylurea, heteroarylurea, arylcarbonyl, alkarylcarbonyl or heteroarylcarbonyl groups which have affinity and, in some cases, selectivity for the adenosine A1 or A3 receptors are disclosed. These compounds can be used in a pharmaceutical composition to treat disorders caused by excessive activation of the A1 or A3 receptors, or can be used in a diagnostic application to determine the relative binding of other compounds to the A1 or A3 receptors.

IPC 1-7

C07H 19/16; **A61K 31/70**

IPC 8 full level

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CPC (source: EP)

A61P 3/06 (2017.12); **A61P 9/06** (2017.12); **A61P 9/10** (2017.12); **A61P 9/12** (2017.12); **A61P 9/14** (2017.12); **A61P 11/16** (2017.12); **A61P 25/04** (2017.12); **A61P 25/08** (2017.12); **A61P 25/28** (2017.12); **A61P 27/06** (2017.12); **A61P 29/00** (2017.12); **A61P 35/00** (2017.12); **C07H 19/16** (2013.01)

Citation (search report)

- [E] WO 9850047 A1 19981112 - UNIV PENNSYLVANIA [US], et al
- [Y] C.GALLO-RODRIGUEZ ET AL.: "Structure Activity Relationships of N6-Benzyladenosine-5'-uronamides as A3 Selective Adenosine Agonists.", JOURNAL OF MEDICINAL CHEMISTRY., vol. 37, no. 5, 4 March 1994 (1994-03-04), AMERICAN CHEMICAL SOCIETY. WASHINGTON., US, pages 636 - 646, XP002136400, ISSN: 0022-2623
- [Y] H.O.KIM ET AL.: "2-Substitution of N6-Benzoyladenosine-5'-Uronamides Enhances Selectivity for A3 Adenosine Receptors.", JOURNAL OF MEDICINAL CHEMISTRY., vol. 37, no. 21, 14 October 1994 (1994-10-14), AMERICAN CHEMICAL SOCIETY. WASHINGTON., US, pages 3614 - 3621, XP002136401, ISSN: 0022-2623
- See references of WO 9906053A1

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