

Title (en)
USE OF METALLOPORPHYRINS TO POTENTIATE AIDS THERAPY

Publication
EP 0543902 A4 19931027 (EN)

Application
EP 91915068 A 19910725

Priority
• US 56019190 A 19900731
• US 73509091 A 19910724

Abstract (en)
[origin: WO9202242A1] Methods and compositions for treating viral infections, especially retroviral infections such as AIDS comprising administration of a heme product in pharmaceutical compositions which may additionally contain an anti-retroviral drug such as AZT with or without erythropoietin.

IPC 1-7
A61K 37/10

IPC 8 full level
A61K 31/40 (2006.01); **A61K 31/505** (2006.01); **A61K 31/555** (2006.01); **A61K 38/18** (2006.01); **A61K 38/41** (2006.01); **A61P 31/12** (2006.01); **A61P 31/18** (2006.01); **A61P 43/00** (2006.01)

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C-Set (source: EP)
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5. **A61K 38/1816 + A61K 2300/00**
6. **A61K 38/41 + A61K 2300/00**

Citation (search report)
• [X] EP 0337598 A2 19891018 - SAWAI SEIYAKU KK [JP], et al
• [X] WO 8911277 A2 19891130 - UNIV GEORGIA STATE [US], et al
• [XP] PROC.NATL.ACAD.SCI.USA vol. 88, no. 5, 1 March 1991, pages 1756 - 9 'Heme inhibits human immunodeficiency virus 1 replication in cell cultures and enhances the antiviral effect of zidovudine'
• [XP] AM.J.HEMATOL. vol. 35, no. 1, 1990, pages 1 - 5 'Role of heme metabolism in AZT-induced bone marrow toxicity'
• [X] 17TH ANNUAL MEETING OF THE INT. SOCIETY FOR EXPERIMENTAL HEMATOLOGY, HOUSTON, TEXAS, USA, AUGUST 21-25, 1988. EXP.HEMATOL. (NY) 16(6). 1988. 477 'Microenvironmental toxicity of AZT: partial sparing with hemin'
• [X] INT.CONF. AIDS, JUNE 20-23 1990, 6(1) P177
• [X] AIDS vol. 3, no. 6, 1989, pages 403 - 4 'Anti-HIV activity of protoporphyrin'
• [Y] N.ENGL.J.MED. vol. 322, no. 21, 24 May 1990, 'Recombinant human erythropoietin for patients with AIDS treated with zidovudine.'
• [Y] PROC.AM.ASSOC.CANCER RES. ANNU.MEET. 29(0). 1988. 476 'Protective effect of tin-protoporphyrin against doxorubicin-induced perturbations of heme metabolism'
• See references of WO 9202242A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9202242 A1 19920220; AU 645131 B2 19940106; AU 8410491 A 19920302; CA 2088593 A1 19920201; EP 0543902 A1 19930602; EP 0543902 A4 19931027; JP H05504774 A 19930722

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US 9105283 W 19910725; AU 8410491 A 19910725; CA 2088593 A 19910725; EP 91915068 A 19910725; JP 51411891 A 19910725