

Title (en)
IMMUNOREGULATORY AGENTS

Publication
EP 0536119 A4 19930804 (EN)

Application
EP 90912260 A 19900626

Priority
• US 9003618 W 19900626
• US 30944689 A 19890210

Abstract (en)
[origin: WO9200071A1] Specific aspects of the cellular and humoral immune system of a mammalian host are regulated by administering to the host a compound having a reactive immunoregulatory conformation whose precise three-dimensional structure is defined herein. Sorbinil, tolrestat, WF-3681, and the other immunoregulatory agents described herein possess this reactive conformation and so are therapeutically useful for inhibiting delayed-type hypersensitivity, T-cell proliferation, and B-cell antibody production, without altering the normal cellularity of the immune system or the normal metabolites of the arachidonic acid pathway.

IPC 1-7
A61K 31/45; A61K 31/35

IPC 8 full level
A61K 31/195 (2006.01); **A61K 31/34** (2006.01); **A61K 31/35** (2006.01); **A61K 31/352** (2006.01); **A61K 31/415** (2006.01); **A61K 31/4166** (2006.01); **A61K 31/45** (2006.01); **A61K 31/505** (2006.01); **A61K 31/60** (2006.01); **A61K 45/00** (2006.01); **A61P 37/00** (2006.01); **C07D 233/74** (2006.01); **C07D 311/30** (2006.01); **C07D 491/107** (2006.01)

CPC (source: EP)
A61K 31/195 (2013.01); **A61K 31/34** (2013.01); **A61K 31/415** (2013.01); **A61P 37/00** (2017.12)

Citation (search report)
• [X] EP 0256629 A2 19880224 - AMERICAN HOME PROD [US]
• [EL] US 4966911 A 19901030 - CLARK JOHN I [US], et al
• [X] CLIN.RES. vol. 34, no. 2, 1986, page 507A S.A.SMITH ET AL. 'AN ALDOSE REDUCTASE INHIBITOR INHIBITS INFLAMMATION'
• [X] CLIN.RES. vol. 34, no. 1, 1986, page 48A S.A.SMITH ET AL. 'AN ALDOSE REDUCTASE INHIBITOR INHIBITS INFLAMMATION'
• [A] J.MED.CHEM. vol. 29, 1986, pages 2347 - 2351 M.J.CERELLI ET AL. 'ANTIINFLAMMATORY AND ALDOSE REDUCTASE INHIBITORY ACTIVITY OF SOME TRICYCLIC ARYLACETIC ACIDS'
• [A] INVEST.OPHTHALMOL.VISUAL SCI. no. SUPP, 1980, page 12 P.F.KADOR ET AL. 'ANTIALLERGY DRUGS AS ALDOSE REDUCTASE INHIBITORS'
• See references of WO 9200071A1

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

DOCDB simple family (publication)
WO 9200071 A1 19920109; EP 0536119 A1 19930414; EP 0536119 A4 19930804; JP H05508386 A 19931125

DOCDB simple family (application)
US 9003618 W 19900626; EP 90912260 A 19900626; JP 51151290 A 19900626