Title (en)

6, 7, 8, 9-TETRAHYDRO-5-AMINO-5H-BENZOCYCLOHEPTEN-6-OL DERIVATIVES AND RELATED COMPOUNDS USED AS ANTI-INFLAMMATORY AGENTS

Title (de)

6,7,8,9-TETRAHYDRO-5-AMINO-5H-BENZOCYCLOHEPTEN-6-OL DERIVATE UND VERWANDTE VERBINDUNGEN ALS ENTZÜNDUNGSHEMMER

Title (fr)

DERIVES DE 6, 7, 8, 9-TETRAHYDRO-5-AMINO-5H-BENZOCYCLOHEPTENE-6-OLE ET COMPOSES APPARENTES COMME INHIBITEURS D'INFLAMMATION

Publication

EP 1863765 A1 20071212 (DE)

Application

EP 06723721 A 20060320

Priority

- EP 2006002742 W 20060320
- DE 102005014090 A 20050322

Abstract (en)

[origin: WO2006100099A1] The invention relates to polysubstituted 5H-benzocyclohepten derivatives of formula (I), in which R³ represents a C₁-C₁₀ alkyl group, which can be optionally substituted by a group selected from 1-3 hydroxy groups, halogen atoms, or 1-3 (C₁-C₅) alkoxy groups, an optionally substituted (C₃-C₇) cycloalkyl group, an optionally substituted heterocyclyl group, an optionally substituted aryl group, or other substituents, A represents a -CR⁶R⁷-CH₂- or -CH₂-CR⁶R⁷ group, D represents a -CR⁴R⁵-CH₂- or -CH₂-CR⁴R⁵ group, R⁴ represents a hydroxy group, an OR¹⁰ group or O(CO)R¹⁰ group, R⁵ represents a (C₁-C₅) alkyl group or an optionally partially or completely fluorinated (C₁-C₅) alkyl group, a (C₃-C₇) cycloalkyl group, a (C₁-C₈) alkene (C₃-C₇) cycloalkyl group, a (C₂-C₈) alkene (C₃-C₇) cycloalkyl group, a heterocyclyl group, a (C₁-C₈) alkene heterocyclyl group, a (C₂-C₈) alkene heterocyclyl group, an aryl group, a (C₁-C₈) alkene aryl group, a (C₂-C₈) alkenylene aryl group, a (C₂-C₈) alkynylene aryl group, or other substituents. Said other substituents are specified in the claims. The invention also relates to a method for producing said derivatives and to their use as anti-inflammatory agents.

IPC 8 full level

A61P 29/00 (2006.01); **C07D 211/88** (2006.01); **C07D 215/22** (2006.01); **C07D 231/56** (2006.01); **C07D 403/04** (2006.01)

CPC (source: EP)

A61P 1/04 (2017.12); **A61P 1/16** (2017.12); **A61P 5/00** (2017.12); **A61P 5/16** (2017.12); **A61P 7/04** (2017.12); **A61P 7/06** (2017.12); **A61P 9/00** (2017.12); **A61P 11/00** (2017.12); **A61P 11/06** (2017.12); **A61P 11/08** (2017.12); **A61P 13/12** (2017.12); **A61P 15/08** (2017.12); **A61P 17/00** (2017.12); **A61P 17/02** (2017.12); **A61P 17/04** (2017.12); **A61P 17/06** (2017.12); **A61P 19/02** (2017.12); **A61P 19/08** (2017.12); **A61P 25/00** (2017.12); **A61P 27/02** (2017.12); **A61P 27/16** (2017.12); **A61P 29/00** (2017.12); **A61P 35/00** (2017.12); **A61P 35/02** (2017.12); **A61P 37/02** (2017.12); **A61P 37/08** (2017.12); **A61P 43/00** (2017.12); **C07D 211/88** (2013.01); **C07D 215/227** (2013.01); **C07D 231/56** (2013.01); **C07D 403/04** (2013.01)

Citation (search report)

See references of WO 2006100099A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005014090 A1 20060928; AR 053189 A1 20070425; CA 2598969 A1 20060928; CN 101146773 A 20080319; DO P2006000065 A 20061015; EP 1863765 A1 20071212; GT 200600124 A 20070103; JP 2008534462 A 20080828; PA 8666801 A1 20060922; PE 20061350 A1 20061220; TW 200700389 A 20070101; UY 29435 A1 20061002; WO 2006100099 A1 20060928

DOCDB simple family (application)

DE 102005014090 A 20050322; AR P060101120 A 20060322; CA 2598969 A 20060320; CN 200680009637 A 20060320; DO 2006000065 A 20060321; EP 06723721 A 20060320; EP 2006002742 W 20060320; GT 200600124 A 20060321; JP 2008502339 A 20060320; PA 8666801 A 20060321; PE 2006000307 A 20060321; TW 95109925 A 20060322; UY 29435 A 20060321