

Title (en)

PROCESS FOR MAKING EP4 AGONISTS AND INTERMEDIATES THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON EP4-AGONISTEN UND ZWISCHENSTUFEN DAVON

Title (fr)

PROCEDE DE PREPARATION D'AGONISTES EP4 ET LEURS INTERMEDIAIRES

Publication

EP 1718298 A2 20061108 (EN)

Application

EP 05713450 A 20050214

Priority

- US 2005004529 W 20050214
- US 54510904 P 20040217

Abstract (en)

[origin: WO2005079337A2] This invention relates to a process for making a series of 1,6-disubstituted piperidin-2-one, 3,4-disubstituted 1,3-oxazinan-2-one, 3,4-disubstituted 1,3-thiazinan-2-one, and 4,5-disubstituted morpholin-3-one derivatives, which are agonists of the EP4 subtype of prostaglandin E2 receptors. The compounds are useful in the treatment of glaucoma and other conditions that are related to elevated intraocular pressure in the eye of a patient. The compounds are also useful for mediating the bone modeling and remodeling processes of the osteoblasts and osteoclasts.

IPC 8 full level

A61K 31/435 (2006.01); **A61K 31/445** (2006.01); **C07D 211/06** (2006.01)

CPC (source: EP)

C07D 211/76 (2013.01)

Citation (search report)

See references of WO 2005079337A2

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

WO 2005079337 A2 20050901; **WO 2005079337 A3 20060427**; EP 1718298 A2 20061108

DOCDB simple family (application)

US 2005004529 W 20050214; EP 05713450 A 20050214