

Title (en)

N-SULPHONYLATED AMINO ACID DERIVATIVES, METHOD FOR THE PRODUCTION AND USE THEREOF

Title (de)

N-SULFONYLIERTE AMINOSÄUREDERIVATE UND IHRE VERWENDUNG ALS MATRIPTASE- INHIBITOREN

Title (fr)

DERIVES D'ACIDES AMINES N-SULFONYLES, PROCEDE DE PREPARATION DESDITS DERIVES ET LEUR UTILISATION

Publication

EP 1651597 A2 20060503 (DE)

Application

EP 04733311 A 20040517

Priority

- EP 2004005291 W 20040517
- DE 10322191 A 20030516

Abstract (en)

[origin: WO2004101507A2] The invention relates to N-sulphonylated amino acid derivatives wherein an aryl radical is bound to an amino acid via the sulphonyl groups in the N-terminal and a radical is bound in the C-terminal via the carbonyl group. Said radical contains at least one imino group and at least one other basic group representing an optionally modified amino-, amidino- or guanidino group. The invention also relates to a method for the production of said compounds and to the use thereof, especially as inhibitors of matriptase.

IPC 1-7

C07D 201/00

IPC 8 full level

C07D 295/18 (2006.01); **C07D 205/04** (2006.01); **C07D 211/26** (2006.01); **C07D 211/62** (2006.01); **C07D 295/185** (2006.01);
C07D 307/79 (2006.01)

CPC (source: EP US)

A61P 35/00 (2017.12 - EP); **A61P 35/04** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 205/04** (2013.01 - EP US);
C07D 211/26 (2013.01 - EP US); **C07D 211/62** (2013.01 - EP US); **C07D 295/185** (2013.01 - EP US); **C07D 307/79** (2013.01 - EP US)

Citation (search report)

See references of WO 2004101507A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004101507 A2 20041125; WO 2004101507 A3 20060323; AU 2004238558 A1 20041125; CA 2525886 A1 20041125;
CA 2525886 C 20130108; DE 10322191 A1 20041209; DE 10322191 B4 20140227; EP 1651597 A2 20060503; EP 2316830 A2 20110504;
EP 2316830 A3 20110817; JP 2007500734 A 20070118; JP 4653100 B2 20110316; US 2007055065 A1 20070308;
US 2011002992 A1 20110106; US 7772251 B2 20100810

DOCDB simple family (application)

EP 2004005291 W 20040517; AU 2004238558 A 20040517; CA 2525886 A 20040517; DE 10322191 A 20030516; EP 04733311 A 20040517;
EP 10013067 A 20040517; JP 2006529848 A 20040517; US 55582104 A 20040517; US 82918510 A 20100701