

Title (en)

CARBOXYLIC AMIDES, THE PRODUCTION AND USE THEREOF AS MEDICAMENTS

Title (de)

CARBONSÄUREAMIDE, DEREN HERSTELLUNG UND DEREN VERWENDUNG ALS ARZNEIMITTEL

Title (fr)

AMIDES D'ACIDE CARBOXYLIQUE, LEUR PREPARATION ET LEUR UTILISATION COMME PRODUIT PHARMACEUTIQUE

Publication

EP 1360170 A1 20031112 (DE)

Application

EP 02710038 A 20020126

Priority

- DE 10104598 A 20010202
- DE 10136434 A 20010726
- EP 0200827 W 20020126

Abstract (en)

[origin: WO02062748A1] The invention relates to anti-thrombotic compounds of general formula (I), wherein R1 - R4, R8, R9 and Ar are defined as cited in claim 1, and for example, 2-(5-carbamidoyl-2-hydroxy-phenyl)-N-[3-chloro-4-(pyrrolidine-1-yl-carbonyl)-phenyl]-acetamide, tautomers thereof, stereoisomers, mixtures, pro-drugs and the salts thereof. The compounds of the above-mentioned general formula (I), wherein Ar represents a phenyl or naphthyl group substituted by the radicals R5, R6 and R7 and R5 represents a cyano group, having valuable intermediate products for producing the corresponding compounds of general formula (I) wherein R5 represents, optionally, an amidino group substituted by one or two C1-3 alkyl groups. The compounds of the above-mentioned general formula (I) with the exception of compounds, wherein Ar represents a phenyl or naphthyl group substituted by the radicals R5, R6 and R7 and R5 represents a cyano group, have valuable pharmacological properties, particularly anti-thrombotic properties and a factor Xa inhibiting property.

IPC 1-7

C07C 257/18; C07C 237/20; C07C 255/49; C07D 207/48; C07D 207/04; C07D 211/08; C07D 213/44; C07C 249/02; C07C 231/02; A61K 31/155; A61K 31/165; A61K 31/395

IPC 8 full level

A61K 31/167 (2006.01); A61K 31/40 (2006.01); A61K 31/401 (2006.01); A61K 31/4406 (2006.01); A61K 31/4458 (2006.01); A61P 7/02 (2006.01); A61P 9/10 (2006.01); A61P 11/00 (2006.01); A61P 17/02 (2006.01); A61P 19/02 (2006.01); A61P 29/00 (2006.01); A61P 43/00 (2006.01); C07D 207/12 (2006.01); C07D 207/16 (2006.01); C07D 211/26 (2006.01); C07D 211/32 (2006.01); C07D 213/50 (2006.01); C07D 295/192 (2006.01); C07D 295/26 (2006.01)

CPC (source: EP)

A61P 7/02 (2017.12); A61P 9/10 (2017.12); A61P 11/00 (2017.12); A61P 17/02 (2017.12); A61P 19/02 (2017.12); A61P 29/00 (2017.12); A61P 43/00 (2017.12); C07D 207/16 (2013.01); C07D 211/26 (2013.01); C07D 211/32 (2013.01); C07D 295/192 (2013.01); C07D 295/26 (2013.01)

Citation (search report)

See references of WO 02062748A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02062748 A1 20020815; CA 2436837 A1 20020815; EP 1360170 A1 20031112; JP 2004517955 A 20040617; MX PA03006580 A 20030922

DOCDB simple family (application)

EP 0200827 W 20020126; CA 2436837 A 20020126; EP 02710038 A 20020126; JP 2002562708 A 20020126; MX PA03006580 A 20020126