

Title (en)

PRODRUGS OF THROMBIN INHIBITORS

Title (de)

PRODRUGS VON THROMBININHIBITOREN

Title (fr)

PROMEDICAMENTS D'INHIBITEURS DE LA THROMBINE

Publication

**EP 1165601 A2 20020102 (DE)**

Application

**EP 00920661 A 20000405**

Priority

- DE 19915930 A 19990409
- DE 19934123 A 19990723
- DE 19947920 A 19991006
- EP 0003009 W 20000405

Abstract (en)

[origin: WO0061609A2] The invention relates to prodrugs of pharmacologically active, five-membered heterocyclic amidines from which in vivo compounds are obtained, these compounds being competitive inhibitors of trypsin-type serin proteases, especially thrombin and kininogenases such as kallikrein. The invention also relates to the production of these prodrugs and to their use as medicaments, to pharmaceutical compositions that contain the prodrugs of the active compounds as components, and to the use of the compounds as thrombin inhibitors, anticoagulants and anti-inflammatory agents.

IPC 1-7

**C07K 5/02; C07K 5/065; A61K 38/05; A61P 7/02**

IPC 8 full level

**A61K 38/55** (2006.01); **A61P 7/02** (2006.01); **A61P 9/06** (2006.01); **C12N 9/99** (2006.01); **A61P 9/10** (2006.01); **A61P 25/00** (2006.01); **A61P 25/28** (2006.01); **A61P 29/00** (2006.01); **A61P 35/00** (2006.01); **A61P 35/04** (2006.01); **A61P 43/00** (2006.01); **C07B 43/00** (2006.01); **C07K 5/02** (2006.01); **C07K 5/062** (2006.01); **C07K 5/065** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP KR US)

**A61P 7/02** (2018.01 - EP); **A61P 9/06** (2018.01 - EP); **A61P 9/10** (2018.01 - EP); **A61P 25/00** (2018.01 - EP); **A61P 25/28** (2018.01 - EP); **A61P 29/00** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **A61P 35/04** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07B 43/00** (2013.01 - EP US); **C07K 5/0222** (2013.01 - EP US); **C07K 5/06** (2013.01 - KR); **C07K 5/06078** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0061609 A2 20001019; WO 0061609 A3 20010315; WO 0061609 B1 20010426**; AU 4115600 A 20001114; AU 765244 B2 20030911; BG 105986 A 20020628; BR 0009674 A 20020115; CA 2370267 A1 20001019; CN 1355810 A 20020626; EP 1165601 A2 20020102; HK 1046289 A1 20030103; HU P0202401 A2 20021028; HU P0202401 A3 20031128; IL 145772 A0 20020725; JP 2002542165 A 20021210; KR 20010108481 A 20011207; NO 20014875 D0 20011008; NO 20014875 L 20011113; NZ 515026 A 20031031; PL 352824 A1 20030908; SK 14222001 A3 20020702; TR 200102912 T 20020321; US 7144902 B1 20061205

DOCDB simple family (application)

**EP 0003009 W 20000405**; AU 4115600 A 20000405; BG 10598601 A 20011005; BR 0009674 A 20000405; CA 2370267 A 20000405; CN 00807958 A 20000405; EP 00920661 A 20000405; HK 02107849 A 20021030; HU P0202401 A 20000405; IL 14577200 A 20000405; JP 2000611551 A 20000405; KR 20017012870 A 20011009; NO 20014875 A 20011008; NZ 51502600 A 20000405; PL 35282400 A 20000405; SK 14222001 A 20000405; TR 200102912 T 20000405; US 95834902 A 20020328