

Title (en)

INDOLE AND TETRAHYDROISOQUINOLINE CONTAINING  $\alpha$ -KETO OXADIAZOLES AS SERINE PROTEASE INHIBITORS

Title (de)

INDOL- UND TETRAHYDROISOQUINOLINENTHALTENDE ALPHA-KETOOXADIAZOLE ALS SERIN PROTEASEINHIBITOREN

Title (fr)

INDOLE ET TETRAHYDROISOQUINOLEINE CONTENANT DES ALPHA-CETO OXADIAZOLES COMME INHIBITEURS DE SERINES-PROTEASES

Publication

**EP 1093368 A1 20010425 (EN)**

Application

**EP 99927189 A 19990603**

Priority

- US 9912352 W 19990603
- US 8958798 A 19980603

Abstract (en)

[origin: WO9962514A1] The present invention relates to certain substituted oxadiazole nonpeptides, which are useful as inhibitors of human neutrophil elastase (HNE) for the treatment of HNE-mediated processes implicated in conditions such as adult respiratory distress syndrome, septic shock and multiple organ failure. A series of studies also have indicated the involvement HNE in myocardial ischemia-reperfusion injury, emphysema. HNE-mediated processes are implicated in other conditions such as arthritis, periodontal disease, glomerulonephritis, dermatitis, psoriasis, cystic fibrosis, chronic bronchitis, atherosclerosis, Alzheimer's disease, organ transplantation, corneal ulcers, and invasion behavior of malignant tumors.

IPC 1-7

**A61K 31/405**; **A61K 31/41**; **A61K 31/47**; **C07D 217/12**; **C07D 217/16**; **C07D 249/08**; **C07D 271/06**; **C07D 271/10**

IPC 8 full level

**C07D 413/12** (2006.01); **A61K 31/405** (2006.01); **A61K 31/41** (2006.01); **A61K 31/4245** (2006.01); **A61K 31/4439** (2006.01); **A61K 31/47** (2006.01); **A61K 31/4725** (2006.01); **A61K 38/00** (2006.01); **A61P 11/00** (2006.01); **A61P 17/00** (2006.01); **A61P 43/00** (2006.01); **C07D 217/12** (2006.01); **C07D 217/16** (2006.01); **C07D 249/08** (2006.01); **C07D 271/06** (2006.01); **C07D 271/10** (2006.01); **C07D 413/14** (2006.01)

CPC (source: EP KR)

**A61K 31/4245** (2013.01 - KR); **A61K 31/4725** (2013.01 - KR); **A61P 11/00** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 271/10** (2013.01 - KR); **C07D 413/12** (2013.01 - EP KR); **C07D 413/14** (2013.01 - EP KR)

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 9962514 A1 19991209**; EP 1093368 A1 20010425; EP 1093368 A4 20021113; JP 2004517028 A 20040610; KR 20010078724 A 20010821

DOCDB simple family (application)

**US 9912352 W 19990603**; EP 99927189 A 19990603; JP 2000551770 A 19990603; KR 20007013664 A 20001202