

Title (en)
BENZAMIDOALDEHYDES AND THEIR USE AS CYSTEINE PROTEASE INHIBITORS

Title (de)
BENZAMIDOALDEHYDE UND DEREN ANWENDUNG ALS INHIBITOREN VON CYSTEIN-PROTEASEN

Title (fr)
BENZAMIDOALDEHYDES ET LEUR UTILISATION COMME INHIBITEURS DES CYSTEINE-PROTEASES

Publication
EP 0944584 A1 19990929 (DE)

Application
EP 97951172 A 19971111

Priority
• DE 19648793 A 19961126
• EP 9706292 W 19971111

Abstract (en)
[origin: US6251917B1] Compounds of the formulawhere R1, R2, R3, X and n are as defined in the description, are inhibitors of cysteine protease.

IPC 1-7
C07C 237/42; **C07C 311/21**; **C07D 213/82**; **C07D 215/36**; **A61K 31/16**; **A61K 31/18**; **A61K 31/435**; **C07C 233/76**; **C07C 235/84**; **C07D 209/14**;
C07D 213/56; **C07D 213/71**; **C07D 213/30**; **C07D 215/14**

IPC 8 full level
A61K 31/16 (2006.01); **A61K 31/166** (2006.01); **A61K 31/18** (2006.01); **A61K 31/4045** (2006.01); **A61K 31/435** (2006.01);
A61K 31/4402 (2006.01); **A61K 31/4406** (2006.01); **A61K 31/4409** (2006.01); **A61K 31/47** (2006.01); **A61P 9/10** (2006.01);
A61P 21/00 (2006.01); **A61P 25/00** (2006.01); **A61P 25/08** (2006.01); **A61P 25/28** (2006.01); **A61P 27/00** (2006.01); **A61P 35/00** (2006.01);
A61P 35/04 (2006.01); **A61P 43/00** (2006.01); **C07C 233/76** (2006.01); **C07C 235/42** (2006.01); **C07C 235/46** (2006.01); **C07C 235/58** (2006.01);
C07C 235/60 (2006.01); **C07C 235/84** (2006.01); **C07C 237/42** (2006.01); **C07C 311/08** (2006.01); **C07C 311/21** (2006.01);
C07C 317/44 (2006.01); **C07C 323/42** (2006.01); **C07C 323/60** (2006.01); **C07D 209/14** (2006.01); **C07D 209/16** (2006.01);
C07D 213/30 (2006.01); **C07D 213/56** (2006.01); **C07D 213/71** (2006.01); **C07D 213/82** (2006.01); **C07D 215/36** (2006.01)

CPC (source: EP KR US)
A61P 9/10 (2018.01 - EP); **A61P 21/00** (2018.01 - EP); **A61P 25/00** (2018.01 - EP); **A61P 25/08** (2018.01 - EP); **A61P 25/28** (2018.01 - EP);
A61P 27/00 (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **A61P 35/04** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07C 233/76** (2013.01 - EP US);
C07C 235/42 (2013.01 - EP US); **C07C 235/46** (2013.01 - EP US); **C07C 235/60** (2013.01 - EP US); **C07C 235/84** (2013.01 - EP US);
C07C 237/42 (2013.01 - EP KR US); **C07C 311/21** (2013.01 - EP US); **C07C 317/44** (2013.01 - EP US); **C07C 323/42** (2013.01 - EP US);
C07C 323/60 (2013.01 - EP US); **C07D 209/16** (2013.01 - EP US); **C07D 213/82** (2013.01 - EP US); **C07D 215/36** (2013.01 - EP US);
C07C 2601/14 (2017.05 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
US 6251917 B1 20010626; AR 010062 A1 20000517; AU 5481498 A 19980622; AU 742262 B2 20011220; BG 103433 A 20000229;
BR 9713147 A 20000208; CA 2272388 A1 19980604; CN 1238761 A 19991215; CO 4910162 A1 20000424; CZ 183399 A3 19990811;
DE 19648793 A1 19980528; EP 0944584 A1 19990929; HR P970637 A2 19981031; HU P0000427 A2 20000528; HU P0000427 A3 20010928;
ID 21781 A 19990722; IL 129603 A0 20000229; JP 2001506596 A 20010522; KR 20000057227 A 20000915; NO 992492 D0 19990525;
NO 992492 L 19990525; NZ 335542 A 20000728; PL 333505 A1 19991220; RU 2189973 C2 20020927; SK 56599 A3 19991108;
TR 199901191 T2 19991221; UA 51753 C2 20021216; WO 9823581 A1 19980604; ZA 9710569 B 19990525

DOCDB simple family (application)
US 29791699 A 19990526; AR P970105229 A 19971111; AU 5481498 A 19971111; BG 10343399 A 19990526; BR 9713147 A 19971111;
CA 2272388 A 19971111; CN 97180091 A 19971111; CO 97068961 A 19971125; CZ 183399 A 19971111; DE 19648793 A 19961126;
EP 9706292 W 19971111; EP 97951172 A 19971111; HR P970637 A 19971126; HU P0000427 A 19971111; ID 990423 A 19971111;
IL 12960397 A 19971111; JP 52420898 A 19971111; KR 19997004582 A 19990525; NO 992492 A 19990525; NZ 33554297 A 19971111;
PL 33350597 A 19971111; RU 99113461 A 19971111; SK 56599 A 19971111; TR 9901191 T 19971111; UA 99063589 A 19971111;
ZA 9710569 A 19971125