

Title (en)

PYRROLIDINE AND PIPERIDINE MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY

Title (de)

PYRROLIDINE UND PIPERIDINE MODULATOREN DER CHEMOKINE REZEPTORAKTIVITAET

Title (fr)

MODULATEURS DE PYRROLIDINE ET DE PIPERIDINE DE L'ACTIVITE DU RECEPTEUR DE CHEMOKINE

Publication

**EP 1009405 A4 20010509 (EN)**

Application

**EP 98944548 A 19980827**

Priority

- GB 9801009 A 19980116
- US 9817755 W 19980827
- US 5774397 P 19970828

Abstract (en)

[origin: WO9909984A1] The present invention is directed to pyrrolidine and piperidine compounds of formula (I), (wherein R<1>, R<2>, R<3>, R<4a>, R<4b>, R<4c>, R<4d>, R<4e>, R<4f>, R<4g>, R<4h>, m, n, x and y are defined herein) which are useful as modulators of chemokine receptor activity. In particular, these compounds are useful as modulators of the chemokine receptors CCR-1, CCR-2, CCR-2A, CCR-2B, CCR-3, CCR-4, CCR-5, CXCR-3, and/or CXCR-4.

IPC 1-7

**A61K 31/47; A61K 31/55; A61K 31/435; A61K 31/445; A61K 31/495; C07D 211/68; C07D 217/02; C07D 223/16; C07D 401/06; C07D 403/06; C07D 495/10; C07D 409/14; C07D 401/14; C07D 417/14; C07D 413/14; C07D 207/09; C07D 405/14; A61P 31/18; C07D 211/26**

IPC 8 full level

**C07D 217/02** (2006.01); **A61K 31/40** (2006.01); **A61K 31/435** (2006.01); **A61K 31/438** (2006.01); **A61K 31/4427** (2006.01); **A61K 31/443** (2006.01); **A61K 31/4433** (2006.01); **A61K 31/451** (2006.01); **A61K 31/454** (2006.01); **A61K 31/4545** (2006.01); **A61K 31/47** (2006.01); **A61K 31/4709** (2006.01); **A61K 31/472** (2006.01); **A61K 31/4725** (2006.01); **A61K 31/496** (2006.01); **A61K 31/55** (2006.01); **A61P 29/00** (2006.01); **A61P 31/18** (2006.01); **A61P 37/00** (2006.01); **C07D 207/09** (2006.01); **C07D 211/14** (2006.01); **C07D 211/70** (2006.01); **C07D 211/96** (2006.01); **C07D 223/02** (2006.01); **C07D 223/16** (2006.01); **C07D 401/06** (2006.01); **C07D 401/14** (2006.01); **C07D 403/06** (2006.01); **C07D 405/14** (2006.01); **C07D 409/14** (2006.01); **C07D 413/14** (2006.01); **C07D 417/14** (2006.01); **C07D 495/10** (2006.01)

CPC (source: EP)

**A61P 29/00** (2017.12); **A61P 31/18** (2017.12); **A61P 37/00** (2017.12); **C07D 401/06** (2013.01); **C07D 401/14** (2013.01); **C07D 403/06** (2013.01); **C07D 405/14** (2013.01); **C07D 409/14** (2013.01); **C07D 495/10** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9909984A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9909984 A1 19990304**; AU 9206798 A 19990316; CA 2298813 A1 19990304; EP 1009405 A1 20000621; EP 1009405 A4 20010509; JP 2001526178 A 20011218

DOCDB simple family (application)

**US 9817755 W 19980827**; AU 9206798 A 19980827; CA 2298813 A 19980827; EP 98944548 A 19980827; JP 2000507374 A 19980827