

Title (en)
DEHYDROPHENYLHISTINS AND ANALOGS THEREOF AND THE SYNTHESIS OF DEHYDROPHENYLHISTINS AND ANALOGS THEREOF

Title (de)
DEHYDROPHENYLHISTINE UND ANALOGA DAVON UND DIE SYNTHESE VON DEHYDROPHENYLHISTINEN UND ANALOGA DAVON

Title (fr)
DEHYDROPHENYLHISTINES ET LEURS ANALOGUES ET LA SYNTHÈSE DES DEHYDROPHENYLHISTINES ET DE LEURS ANALOGUES

Publication
EP 1711487 A1 20061018 (EN)

Application
EP 05712910 A 20050204

Priority

- US 2005003636 W 20050204
- US 54207304 P 20040204
- US 62426204 P 20041101

Abstract (en)
[origin: WO2005077940A1] Compounds represented by the following structure (I) are disclosed: as are methods for making such compounds, wherein said methods comprise reacting a diacyldiketopiperazine with a first aldehyde to produce an intermediate compound; and reacting the intermediate compound with a second aldehyde to produce the class of compounds with the generic structure, where the first aldehyde and the second aldehydes are selected from the group consisting of an oxazolecarboxaldehyde, imidazolecarboxaldehyde, a benzaldehyde, imidazolecarboxaldehyde derivatives, and benzaldehyde derivatives, thereby forming the above compound wherein R1, R1', R1'', R2, R3, R4, R5, and R6, X1 and X2, Y, Z, Z1, Z2, Z3, and Z4 may each be separately defined in a manner consistent with the accompanying description. Compositions and methods for treating vascular proliferation are also disclosed.

IPC 8 full level
C07D 403/06 (2006.01); **A61K 31/496** (2006.01); **A61P 31/00** (2006.01); **A61P 35/00** (2006.01); **C07D 403/14** (2006.01); **C07D 405/14** (2006.01); **C07D 407/14** (2006.01); **C07D 487/04** (2006.01)

CPC (source: EP KR)
A61K 31/496 (2013.01 - KR); **A61P 9/00** (2017.12 - EP); **A61P 17/06** (2017.12 - EP); **A61P 19/10** (2017.12 - EP); **A61P 27/02** (2017.12 - EP); **A61P 27/06** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/00** (2017.12 - EP); **A61P 31/10** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **C07D 403/06** (2013.01 - EP); **C07D 403/14** (2013.01 - EP KR); **C07D 405/14** (2013.01 - EP KR); **C07D 407/14** (2013.01 - EP KR); **C07D 487/04** (2013.01 - EP)

Citation (search report)
See references of WO 2005077940A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005077940 A1 20050825; AU 2005212399 A1 20050825; AU 2005212399 B2 20110922; BR PI0506655 A 20070508; CA 2553630 A1 20050825; EP 1711487 A1 20061018; IL 176932 A0 20061210; JP 2007520565 A 20070726; KR 101228104 B1 20130201; KR 20060124743 A 20061205; NZ 548659 A 20110128

DOCDB simple family (application)
US 2005003636 W 20050204; AU 2005212399 A 20050204; BR PI0506655 A 20050204; CA 2553630 A 20050204; EP 05712910 A 20050204; IL 17693206 A 20060718; JP 2006552282 A 20050204; KR 20067017883 A 20050204; NZ 54865905 A 20050204