

Title (en)

COMPOUNDS AND METHODS FOR IDENTIFYING COMPOUNDS WHICH INHIBIT A NEW CLASS OF ASPARTYL PROTEASES

Title (de)

VERBINDUNGEN UND VERFAHREN ZUR IDENTIFIZIERUNG VON VERBINDUNGEN, WELCHE EINE NEUE KLASSE VON ASPARTYLPROTEASEN HEMMEN

Title (fr)

COMPOSES ET PROCEDES D'IDENTIFICATION DE COMPOSES QUI INHIBENT UNE NOUVELLE CLASSE D'ASPARTYL PROTEASES

Publication

EP 1200567 A1 20020502 (EN)

Application

EP 00947169 A 20000711

Priority

- US 0018775 W 20000711
- US 14335599 P 19990712

Abstract (en)

[origin: WO0104277A1] Compounds and methods for designing and identifying compounds which inhibit TFPP-like aspartyl protease enzymes by targeting the aspartic acid residues of the active site or mimicking peptides corresponding to the region surrounding the substrate's cleavage site are provided. Agents identified as inhibitors of TFPP-like aspartyl proteases such as type 4 prepilin peptidases are expected to be useful as anti-bacterial agents and in inhibiting development of drug resistant strains of bacteria.

IPC 1-7

C12N 9/48; C12Q 1/37; C07K 1/00; A61K 38/00

IPC 8 full level

C08K 3/34 (2006.01); **C08K 7/00** (2006.01); **C08K 9/04** (2006.01); **C12N 9/52** (2006.01)

CPC (source: EP)

C08K 3/346 (2013.01); **C08K 7/00** (2013.01); **C08K 9/04** (2013.01); **C12N 9/52** (2013.01)

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 0104277 A1 20010118; **WO 0104277 A9 20020711**; CA 2379269 A1 20010118; EP 1200567 A1 20020502; EP 1200567 A4 20030226

DOCDB simple family (application)

US 0018775 W 20000711; CA 2379269 A 20000711; EP 00947169 A 20000711