

Title (en)  
INHIBITORS OF CELL MIGRATION

Title (de)  
ZELLMIGRATIONSHEMMER

Title (fr)  
INHIBITEURS DE LA MIGRATION CELLULAIRE

Publication  
**EP 1644032 A1 20060412 (EN)**

Application  
**EP 04742119 A 20040621**

Priority  
• FI 2004000376 W 20040621  
• FI 20030923 A 20030619  
• FI 20040616 A 20040429

Abstract (en)  
[origin: WO2004110477A1] The present invention concerns peptide compounds, which are inhibitors of integrin-MMP complex. The compounds comprise the peptide motif, D/E-/D/E-G/L-W, and they specifically bind to the alphaM integrin I domain and inhibit its complex formation with proMMP-9. The compounds thus prevent neutrophil migration, as well as leukocyte migration. The compounds can be used in the treatment of inflammatory conditions and leukaemia.

IPC 1-7  
**A61K 38/48**; **A61K 38/02**; **C12N 9/50**; **A61P 29/00**

IPC 8 full level  
**A61K 38/07** (2006.01); **A61P 29/00** (2006.01); **A61P 35/02** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C12N 9/64** (2006.01)

CPC (source: EP)  
**A61K 38/07** (2013.01); **A61P 29/00** (2017.12); **A61P 35/02** (2017.12); **A61P 43/00** (2017.12); **C07K 14/4702** (2013.01); **C07K 14/70553** (2013.01); **C12N 9/6491** (2013.01)

Citation (search report)  
See references of WO 2004110478A1

Citation (examination)  
STEFANIDAKIS M ET AL: "Identification of a Negatively Charged Peptide Motif within the Catalytic Domain of Progelatinases That Mediates Binding to Luekocyte beta-2 Integrins", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 278, no. 36, 5 September 2003 (2003-09-05), pages 34674 - 34684

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

DOCDB simple family (publication)  
**WO 2004110477 A1 20041223**; EP 1644031 A1 20060412; EP 1644032 A1 20060412; JP 2006527740 A 20061207; JP 2006527741 A 20061207; WO 2004110478 A1 20041223

DOCDB simple family (application)  
**FI 2004000375 W 20040621**; EP 04742118 A 20040621; EP 04742119 A 20040621; FI 2004000376 W 20040621; JP 2006516230 A 20040621; JP 2006516231 A 20040621