

Title (en)  
PEPTIDE INHIBITORS OF CXC INTERCRINE MOLECULES

Title (de)  
PEPTIDINHIBITOREN GEGEN CXC-INTERKRIN-MOLEKÜLE

Title (fr)  
INHIBITEURS PEPTIDIQUES DE MOLECULES DE LA FAMILLE DES INTERCRINES CXC

Publication  
**EP 0734394 A1 19961002 (EN)**

Application  
**EP 94906442 A 19931215**

Priority  
US 9312245 W 19931215

Abstract (en)  
[origin: WO9516702A1] Disclosed are peptide-based compositions and methods for inhibiting and modulating the actions of CXC intercrine molecules. The antileukinate peptides described inhibit IL-8, GRO and MIP2 beta binding to neutrophils and neutrophil activation. The peptides are particularly advantageous as they inhibit IL-8-induced enzyme release at a 25 fold lower concentration than is required to inhibit chemotaxis, which makes them ideal for treating various inflammatory diseases and disorders including, amongst others, Adult Respiratory Distress Syndrome (ARDS), cystic fibrosis and chronic bronchitis.

IPC 1-7  
**C07K 7/06**; **A61K 38/08**; **A61K 38/10**

IPC 8 full level  
**A61K 9/12** (2006.01); **A61K 9/72** (2006.01); **A61K 38/00** (2006.01); **A61P 1/04** (2006.01); **A61P 11/00** (2006.01); **A61P 17/00** (2006.01); **A61P 29/00** (2006.01); **A61P 43/00** (2006.01); **C07K 7/06** (2006.01); **C07K 14/54** (2006.01)

CPC (source: EP KR)  
**A61K 38/08** (2013.01 - KR); **A61K 38/10** (2013.01 - KR); **A61P 1/04** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 7/06** (2013.01 - EP KR); **C07K 14/54** (2013.01 - EP); **C07K 14/5421** (2013.01 - EP); **A61K 38/00** (2013.01 - EP)

Citation (search report)  
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• [A] US 5079228 A 19920107 - COHEN ALLEN B [US], et al  
• [A] WO 9105799 A1 19910502 - SCHERING CORP [US]  
• [A] A.L. CORBI ET AL.: "cDNA cloning and complete primary structure of the alpha subunit of a leukocyte adhesion glycoprotein, p150,95" EMBO JOURNAL, vol. 6, no. 13, 20 December 1987, pages 4023-4028, XP000576163 EYNHAM, OXFORD GB  
• [A] I. CLARK-LEWIS ET AL.: "Structure-Activity Relationships of Interleukin-8 Determined Using Chemically Synthesized Analogs" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 266, no. 34, 5 December 1991, pages 23128-23134, XP000576162 BALTIMORE, MD US  
• See references of WO 9516702A1

Designated contracting state (EPC)  
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DOCDB simple family (application)  
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