

Title (en)
PRODUCT AND PROCESS FOR REGULATING SIGNAL TRANSDUCTION PATHWAYS

Title (de)
Produkt und Verfahren zur Regulierung von Signalübertragungswegen

Title (fr)
PRODUIT ET PROCEDE DE REGULATION DES VOIES DE TRANSDUCTION DE SIGNAUX

Publication
EP 0804218 A1 19971105 (EN)

Application
EP 95914756 A 19950317

Priority
• US 9503438 W 19950317
• US 21511694 A 19940317

Abstract (en)
[origin: WO9524915A1] Products and processes are disclosed for regulating signal transduction pathways in cells. One aspect of the invention relates to a peptide having a YXXLXXXXXXXXYXX psi amino acid motif that is useful in regulating the activity of tyrosine kinases, lipid kinases and adaptor molecules. A separate aspect of the present invention relates to a product and process for inhibiting signal transduction pathways in cells involving a peptide capable of binding to an SH3 domain of a tyrosine kinase, thereby blocking the binding and activation of an effector by the tyrosine kinase. Both the above compound and peptide composition can be useful in the treatment of medical disorders such as allergic responses, autoimmune diseases, inflammatory responses, cancer, immunodeficiency diseases, immunoproliferative diseases and diseases caused by viruses, such as EBV and BLV.

IPC 1-7
C07K 7/08; C07K 14/705

IPC 8 full level
A61K 9/127 (2006.01); **A61K 35/12** (2006.01); **A61K 35/64** (2006.01); **A61K 35/74** (2006.01); **A61K 36/00** (2006.01); **A61K 36/06** (2006.01); **A61K 38/00** (2006.01); **A61K 38/08** (2006.01); **A61K 38/17** (2006.01); **A61K 38/45** (2006.01); **A61K 38/55** (2006.01); **A61K 48/00** (2006.01); **A61P 3/08** (2006.01); **A61P 29/00** (2006.01); **A61P 31/12** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **A61P 37/02** (2006.01); **A61P 37/04** (2006.01); **A61P 37/06** (2006.01); **C07H 21/04** (2006.01); **C07K 7/08** (2006.01); **C07K 14/05** (2006.01); **C07K 14/15** (2006.01); **C07K 14/705** (2006.01); **C07K 14/725** (2006.01); **C07K 14/735** (2006.01); **C12N 5/06** (2006.01); **C12N 5/07** (2010.01); **C12N 5/071** (2010.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01)

CPC (source: EP)
A61P 3/08 (2017.12); **A61P 29/00** (2017.12); **A61P 31/12** (2017.12); **A61P 35/00** (2017.12); **A61P 37/00** (2017.12); **A61P 37/02** (2017.12); **A61P 37/04** (2017.12); **A61P 37/06** (2017.12); **C07K 7/08** (2013.01); **C07K 14/005** (2013.01); **C07K 14/705** (2013.01); **C07K 14/7051** (2013.01); **C07K 14/70535** (2013.01); **A61K 38/00** (2013.01); **C12N 27/10/16222** (2013.01); **C12N 27/40/14022** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9524915 A1 19950921; AU 2187495 A 19951003; AU 699662 B2 19981210; CA 2184631 A1 19950921; EP 0804218 A1 19971105; EP 0804218 A4 19971112; JP H09512704 A 19971222

DOCDB simple family (application)
US 9503438 W 19950317; AU 2187495 A 19950317; CA 2184631 A 19950317; EP 95914756 A 19950317; JP 52421095 A 19950317