

Title (en)

PENICILLINS AS PHARMACEUTICALS FOR THE DOWNREGULATION OF IFN GAMMA PRODUCTION

Title (de)

PENICILLINEN ALS PHARMAZEUTIKA ZUR HERABSETZUNGSREGULIERUNG DER IFN-GAMMA-HERSTELLUNG

Title (fr)

PENICILLINES UTILISEES COMME AGENT PHARMACEUTIQUE DANS LA REGULATION NEGATIVE DE LA PRODUCTION D'IFN\$g(g)

Publication

EP 1140990 A1 20011010 (EN)

Application

EP 99964674 A 19991223

Priority

- EP 99964674 A 19991223
- EP 9910378 W 19991223
- EP 98124591 A 19981223

Abstract (en)

[origin: EP1013664A1] Hapten-modified peptides according to the present invention contain a backbone of amino acids wherein on at least one of these amino acids a penicillin antibiotic is bound. Such hapten-modified peptides are useful as pharmaceutical compounds and/or diagnostic tools.

IPC 1-7

C07K 7/08; C07K 7/06; G01N 33/50; A61K 47/48

IPC 8 full level

A61K 47/48 (2006.01); **C07K 7/02** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/33** (2006.01); **G01N 33/50** (2006.01); **G01N 33/94** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

A61K 47/645 (2017.07); **A61K 47/646** (2017.07); **C07K 7/02** (2013.01); **C07K 14/33** (2013.01); **G01N 33/9446** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

See references of WO 0039155A1

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)

EP 1013664 A1 20000628; AU 3043500 A 20000731; CA 2356186 A1 20000706; EP 1140990 A1 20011010; HK 1043599 A1 20020920; WO 0039155 A1 20000706

DOCDB simple family (application)

EP 98124591 A 19981223; AU 3043500 A 19991223; CA 2356186 A 19991223; EP 9910378 W 19991223; EP 99964674 A 19991223; HK 02102536 A 20020404