

Title (en)  
A LIGAND FOR ENHANCING ORAL AND CNS DELIVERY OF BIOLOGICAL AGENTS

Title (de)  
EIN LIGAND ZUR VERBESSERUNG DER ORAL- UND ZNS-VERABREICHUNG VON BIOLOGISCHEN WIRKSTOFFEN

Title (fr)  
LIGAND POUR AMELIORER L'ADMINISTRATION D'AGENTS BIOLOGIQUES PAR VOIE ORALE ET VIA LE SYSTEME NERVEUX CENTRAL

Publication  
**EP 1385873 A2 20040204 (EN)**

Application  
**EP 01934229 A 20010507**

Priority  
IB 0100926 W 20010507

Abstract (en)  
[origin: WO0190139A2] Provided herein is a novel and useful Ligand comprising a peptide comprising an amino acid sequence of SEQ. ID. NO.:6, an analog, a derivative, or a variant thereof, which increases the absorption of biological agents across the blood brain barrier and the gastrointestinal barrier. As a result, a Ligand of the present invention increases the bioavailability of biological agents administered orally.

IPC 1-7  
**C07K 7/08**; **A61K 47/48**; **C12N 15/11**

IPC 8 full level  
**C12N 15/09** (2006.01); **A61K 38/00** (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 25/00** (2006.01); **C07K 7/00** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/505** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01)

CPC (source: EP)  
**A61P 25/00** (2017.12); **C07K 7/06** (2013.01); **C07K 7/08** (2013.01); **C07K 14/505** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)  
See references of WO 0190139A2

Citation (examination)  
KOSSMANN J. ET AL: "Sequence analysis of the chromosomal and plasmid genes encoding phosphoribulokinase from *Alcaligenes eutrophus*", GENE, vol. 85, 1898, pages 247 - 252

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

DOCDB simple family (publication)  
**WO 0190139 A2 20011129**; **WO 0190139 A3 20020620**; AU 6052601 A 20011203; CA 2408387 A1 20011129; EP 1385873 A2 20040204; JP 2004514410 A 20040520

DOCDB simple family (application)  
**IB 0100926 W 20010507**; AU 6052601 A 20010507; CA 2408387 A 20010507; EP 01934229 A 20010507; JP 2001586326 A 20010507