

Title (en)

COMPOSITIONS COMPRISING ENZYME-CLEAVABLE OPIOID PRODRUGS AND INHIBITORS THEREOF

Title (de)

ZUSAMMENSETZUNGEN MIT ENZYMPALTAREN OPIOID-PRODRUGS UND HEMMER DAFÜR

Title (fr)

COMPOSITIONS COMPRENANT DES PROMÉDICAMENTS OPIACÉS CLIVABLES PAR ENZYME ET LEURS INHIBITEURS

Publication

EP 2560489 A4 20140122 (EN)

Application

EP 10850371 A 20100421

Priority

US 2010031953 W 20100421

Abstract (en)

[origin: WO2011133149A1] The present disclosure provides pharmaceutical compositions, and their methods of use, where the pharmaceutical compositions comprise a prodrug that provides enzymatically-controlled release of a drug and an enzyme inhibitor that interacts with the enzyme(s) that mediates the enzymatically-controlled release of the drug from the prodrug so as to attenuate enzymatic cleavage of the prodrug. The disclosure provides pharmaceutical compositions which comprise an enzyme inhibitor and a prodrug that contains an enzyme-cleavable moiety that, when cleaved, facilitates release of the drug.

IPC 8 full level

A01N 43/42 (2006.01); **A61K 31/44** (2006.01)

CPC (source: EP)

A61K 31/44 (2013.01); **A61K 45/06** (2013.01); **A61P 25/04** (2017.12)

Citation (search report)

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- [Y] WO 2007140272 A2 20071206 - PHARMACOFORE INC [US], et al
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- [Y] PAULETTI GIOVANNI M ET AL: "Esterase-sensitive cyclic prodrugs of peptides: Evaluation of a phenylpropionic acid promoiety in a model hexapeptide", PHARMACEUTICAL RESEARCH, KLUWER ACADEMIC PUBLISHERS, NEW YORK, NY, US, vol. 14, no. 1, 1 January 1997 (1997-01-01), pages 11 - 17, XP002496921, ISSN: 0724-8741, DOI: 10.1023/A:1012091014242
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- See references of WO 2011133149A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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WO 2011133149 A1 20111027; AU 2010351605 A1 20121122; AU 2010351605 B2 20150129; AU 2010351605 C1 20150806; BR 112012026768 A2 20150929; CA 2795222 A1 20111027; CN 102917589 A 20130206; EP 2560489 A1 20130227; EP 2560489 A4 20140122; IL 222354 A0 20121231; JP 2013525348 A 20130620; RU 2012149438 A 20140527

DOCDB simple family (application)

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