

Title (en)
ENZYME CATALYZED ANTI-INFECTIVE THERAPEUTIC AGENTS

Title (de)
ENZYMKATALYSIERTE ANTI-INFEKTIOSE THERAPEUTISCHE MITTELN

Title (fr)
AGENTS THERAPEUTIQUES ANTI-INFECTIEUX CATALYSES PAR DES ENZYMES

Publication
EP 1202749 A2 20020508 (EN)

Application
EP 00950490 A 20000721

Priority

- US 0019844 W 20000721
- US 14536499 P 19990722
- US 15310199 P 19990909

Abstract (en)
[origin: WO0107087A2] This invention provides a method for selectively inhibiting an infectious agent or a cell infected by an infectious agent by contacting the infectious agent or the cell infected with the agent with a prodrug that is selectively converted to a toxin by an activating enzyme expressed by the infectious agent. The activating enzyme is selective for the enzyme expressed by the infectious agent as compared to the same or similar enzyme expressed by the host cell or other infectious agents. The activating agent is not inhibited nor inactivated by the prodrug. Screens for identifying prodrugs are also provided herein.

IPC 1-7
A61K 47/48; **A61P 31/12**; **G01N 33/50**

IPC 8 full level
A61K 31/7072 (2006.01); **A61K 45/00** (2006.01); **A61P 31/04** (2006.01); **A61P 31/10** (2006.01); **A61P 31/12** (2006.01); **A61P 33/00** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07H 19/02** (2006.01); **C07H 19/073** (2006.01); **C12Q 1/18** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP KR)
A61K 47/50 (2017.07 - KR); **A61K 47/556** (2017.07 - EP); **A61P 31/04** (2017.12 - EP); **A61P 31/10** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 33/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C12Q 1/18** (2013.01 - EP)

Citation (search report)
See references of WO 0107087A2

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)
WO 0107087 A2 20010201; **WO 0107087 A3 20020117**; **WO 0107087 A8 20010712**; AU 6358900 A 20010213; CA 2379834 A1 20010201; CN 1391487 A 20030115; EP 1202749 A2 20020508; IL 147747 A0 20020814; JP 2003527317 A 20030916; KR 20020059340 A 20020712; MX PA02000761 A 20020812

DOCDB simple family (application)
US 0019844 W 20000721; AU 6358900 A 20000721; CA 2379834 A 20000721; CN 00813015 A 20000721; EP 00950490 A 20000721; IL 14774700 A 20000721; JP 2001511970 A 20000721; KR 20027000936 A 20020122; MX PA02000761 A 20000721