

Title (en)

METHOD FOR PRODUCING GLYCO-CONJUGATES OF 20(S)-CAMPTOTHECIN

Title (de)

VERFAHREN ZUR HERSTELLUNG VON GLYCOKONJUGATEN VON 20(S)-CAMPTOTHECIN

Title (fr)

PROCEDE DE PRODUCTION DE GLYCOCONJUGUES DE 20(S)-CAMPTOTHECINE

Publication

**EP 1173454 A1 20020123 (DE)**

Application

**EP 00909241 A 20000223**

Priority

- DE 19909979 A 19990306
- EP 0001480 W 20000223

Abstract (en)

[origin: DE19909979A1] The invention relates to a method for producing glyco-conjugates of 20(S)-camptothecin in which a 3-O-methylated beta -L-fucose building block is linked to the 20 hydroxyl group of a camptothecin derivative via thiourea-modified peptide spacers, whereby the decisive step exists in the linking of the building block (II) with the building block (V) in the presence of a particular coupling reagent such as N-[(dimethylamino)-1H-1,2,3-triazolo[4,5-b]pyridin-1-yl-methylene]-N-m ethylmethane-aminium hexafluorophosphate-N-oxide (HATU).

IPC 1-7

**C07H 15/203**; **C07K 9/00**; **C07D 491/22**

IPC 8 full level

**C07H 15/26** (2006.01); **A61K 31/706** (2006.01); **C07B 53/00** (2006.01); **C07D 491/22** (2006.01); **C07H 15/203** (2006.01); **C07K 5/062** (2006.01); **C07K 9/00** (2006.01)

CPC (source: EP)

**C07B 53/00** (2013.01); **C07D 491/22** (2013.01); **C07H 1/00** (2013.01); **C07H 15/26** (2013.01); **Y02P 20/55** (2015.11)

Citation (search report)

See references of WO 0053614A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 19909979 A1 20000907**; AU 3159500 A 20000928; CA 2366632 A1 20000914; EP 1173454 A1 20020123; JP 2002539132 A 20021119; WO 0053614 A1 20000914; WO 0053614 A8 20020124

DOCDB simple family (application)

**DE 19909979 A 19990306**; AU 3159500 A 20000223; CA 2366632 A 20000223; EP 0001480 W 20000223; EP 00909241 A 20000223; JP 2000604049 A 20000223