

Title (en)
METHOD FOR COUPLING MOLECULES

Title (de)
VERFAHREN ZUR KUPPLUNG VON MOLEKÜLE

Title (fr)
PROCEDE DE COUPLAGE DE MOLECULES

Publication
EP 1207909 A2 20020529 (EN)

Application
EP 00956666 A 20000825

Priority
• GB 0003306 W 20000825
• GB 9920397 A 19990827
• GB 0012083 A 20000518

Abstract (en)
[origin: WO0115737A2] A method of linking a first molecule M<1>-NH₂ with a second molecule M<2>-OH comprising reaction of a compound of the formula (I): M<1>-NH-CO-A-CO-SR<1> wherein M<1> is the residue of a molecule bearing an amino group, A is an alkylene or arylene group, R<1> is alkyl or aryl, with a compound of formula (II), M<2> is the residue of a molecule bearing a hydroxy group wherein B is a linker, D is C1-4 alkylene group or C3-12 arylene group, R<2> is hydrogen or a thiol protecting group. In addition, this invention relates to conjugate products of the coupling reaction, reagents for modifying M<1>-NH₂ and M<2>-OH, and kits comprising these reagents.

IPC 1-7
A61K 47/48

IPC 8 full level
A61K 31/7088 (2006.01); **A61K 47/48** (2006.01); **A61K 48/00** (2006.01); **A61P 43/00** (2006.01); **C07K 1/00** (2006.01); **C07K 7/00** (2006.01); **C07K 14/00** (2006.01)

CPC (source: EP)
A61K 47/65 (2017.07); **A61P 43/00** (2017.12)

Citation (search report)
See references of WO 0115737A2

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 0115737 A2 20010308; **WO 0115737 A3 20011115**; AU 6853900 A 20010326; CA 2382499 A1 20010308; EP 1207909 A2 20020529; JP 2003508450 A 20030304

DOCDB simple family (application)
GB 0003306 W 20000825; AU 6853900 A 20000825; CA 2382499 A 20000825; EP 00956666 A 20000825; JP 2001520148 A 20000825