

Title (en)
INDOLOCARBAZOLE DERIVATIVES FOR SENSITIZING MULTIDRUG-RESISTANT CELLS TO ANTITUMOR AGENTS

Title (de)
INDOLOCARBAZOL-DERIVATE ZUR SENSIBILISIERUNG RESISTENTER ZELLEN GEGEN ANTITUMORMITTEL

Title (fr)
DERIVES D'INDOLOCARBAZOLE DESTINES A SENSIBILISER A DES AGENTS ANTITUMORAUX DES CELLULES A RESISTANCE MULTIPLE AUX ANTITUMORAUX

Publication
EP 0763041 A1 19970319 (EN)

Application
EP 95920067 A 19950519

Priority
• CH 171494 A 19940601
• EP 9501910 W 19950519

Abstract (en)
[origin: WO9532975A1] Staurosporin derivatives of formula (I), wherein R1 is an acyl radical having from 2 to 30 carbon atoms, an aliphatic hydrocarbon radical having up to 29 carbon atoms that is substituted by acyclic substituents, a cycloaliphatic or cycloaliphatic-aliphatic radical each having up to 29 carbon atoms, or a heterocyclic, heterocyclic-aliphatic or heteroaliphatic radical each having up to 20 carbon atoms and up to 9 hetero atoms, R2 is hydrogen, an aliphatic, carbocyclic or carbocyclic-aliphatic radical each having up to 29 carbon atoms, a heterocyclic or heterocyclic-aliphatic radical each having up to 20 carbon atoms and up to 9 hetero atoms, or an acyl radical having up to 30 carbon atoms, and R3 is hydrogen, hydroxy, lower alkoxy or oxo, with the exception of the compound of formula (I) wherein R1 is methoxycarbonylmethyl, R2 is benzoyl and R3 is hydrogen, are described. These compounds can be used for avoiding or removing multi-drug resistance to anti-tumour agents.

IPC 1-7
C07D 498/22; **C07H 19/044**; **A61K 31/55**; **A61K 31/70**

IPC 8 full level
A61K 31/55 (2006.01); **A61P 35/00** (2006.01); **C07D 498/22** (2006.01); **C07H 9/06** (2006.01); **C07H 19/044** (2006.01)

CPC (source: EP)
A61P 35/00 (2017.12); **C07D 498/22** (2013.01); **C07H 9/06** (2013.01); **C07H 19/044** (2013.01)

Citation (search report)
See references of WO 9532975A1

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

DOCDB simple family (publication)
WO 9532975 A1 19951207; AU 2565895 A 19951221; EP 0763041 A1 19970319; JP H10501527 A 19980210

DOCDB simple family (application)
EP 9501910 W 19950519; AU 2565895 A 19950519; EP 95920067 A 19950519; JP 50024596 A 19950519