

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

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Application  
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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.

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IPC 8 full level  
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