

Title (en)

WATER SOLUBLE DERIVATIVES OF CAMPTOTHECIN AND THEIR USE AS ANTITUMOR AGENTS

Title (de)

WASSERLOESLICHE CAMPTOTHECINDERIVATE UND IHRE VERWENDUNG ALS ANTITUMORMITTEL

Title (fr)

DERIVES HYDROSOLUBLES DE CAMPTOTHECINE ET LEUR UTILISATION COMME AGENTS ANTITUMORAUX

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Application

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Priority

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- US 8104293 A 19930622

Abstract (en)

[origin: WO9425466A1] The present invention relates to water soluble, camptothecin derivatives of formula (I), wherein: n represents the integer 1 or 2; and i) R<1> represents: hydrogen, lower alkyl, (C3-7)cycloalkyl, (C3-7)cycloalkyl lower alkyl, lower alkenyl, hydroxy lower alkyl, amino lower alkyl, lower alkylamino lower alkyl, amino lower alkyl, lower alkoxy lower alkyl or (CH₂)_tAr wherein: t is 0 to 5 and Ar represents phenyl, furyl, pyridyl, N-methylpyrrolyl, imidazolyl; or phenyl, furyl, pyridyl, N-methylpyrrolyl, imidazolyl, with one or more substituents independently selected from hydroxy, methoxy, halogen, and amino; and R<2> represents: diphenylmethyl or (CH₂)_tAr; or ii) R1 and R2 taken together with the linking nitrogen represent: N-tetrahydroquinolyl or N-tetrahydroisoquinolyl; and the pharmaceutically acceptable salts and solvates thereof, their use in the treatment of tumors and methods of their preparation.

IPC 1-7

C07D 491/22; **C07D 317/66**; **C07D 319/18**; **A61K 31/47**

IPC 8 full level

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