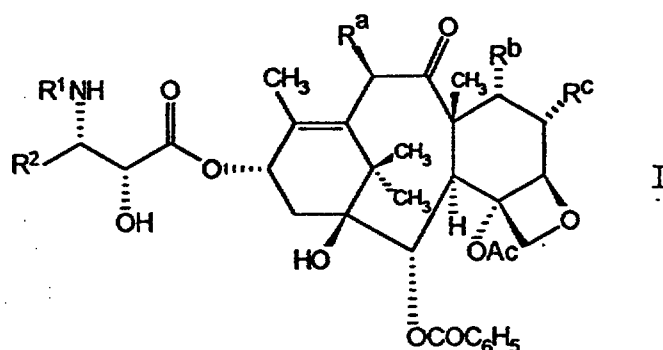


ABSTRACT

The present invention provides paclitaxel derivatives of formula I

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in which

- R^1 is $-\text{COR}^2$ in which R^2 is $\text{RO}-$ or R ;
 R^2 is C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{3-6} cycloalkyl, or a radical of the formula $-\text{W}-\text{R}^x$ in which W is a bond, C_{2-6} alkenediyl, or $-(\text{CH}_2)_t-$, in which t is one to six; and R^x is naphthyl, phenyl, or heteroaryl, and furthermore R^x can be optionally substituted with one to three same or different C_{1-6} alkyl, C_{1-6} alkoxy, halogen or $-\text{CF}_3$ groups;
 R^a is $-\text{OCOR}$, H , OH , $-\text{OR}$, $-\text{OSO}_2\text{R}$, $-\text{CONR}^0\text{R}$, $-\text{CONHR}$, $-\text{OCOO}(\text{CH}_2)_t\text{R}$, or $-\text{OCOOR}$;
 R^b and R^c are both hydroxy or together form a bond with the carbon atoms to which they are attached; and
 R and R^0 are independently C_{1-6} alkyl, C_{2-6} alkenyl, C_{3-6} cycloalkyl, C_{2-6} alkynyl, or phenyl, optionally substituted with one to three same or different C_{1-6} alkyl, C_{1-6} alkoxy, halogen or $-\text{CF}_3$ groups.

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This Sheet Has Been Replaced



Also provided by this invention are pharmaceutical formulations (compositions) and a method of treating mammalian tumors with a compound of formula I.