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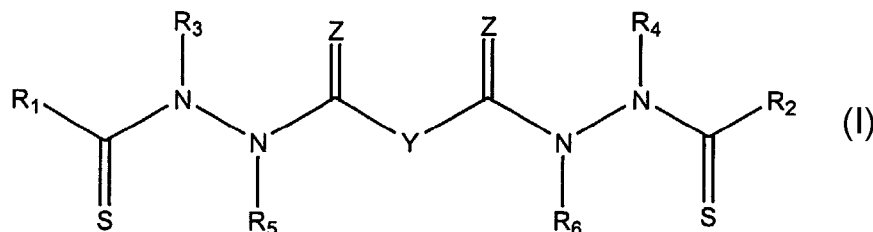
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(54) Title: TAXOL ENHANCER COMPOUNDS



(57) **Abstract:** Disclosed is a compound represented by the Structural Formula (I); Y is a covalent bond, a phenylene group or a substituted or unsubstituted straight chained hydrocarbyl group. In addition, Y, taken together with both >C=Z groups to which it is bonded, is a substituted or unsubstituted aromatic group. Preferably, Y is a covalent bond or -C(R₇R₈)-. R₁ and R₂ are independently an aryl group or a substituted aryl group, R₃ and R₄ are independently -H, an aliphatic group, a substituted aliphatic group, an aryl group or a substituted aryl group. R₅-R₆ are independently -H, an aliphatic group, a substituted aliphatic group, an aryl group or a substituted aryl group. R₇ and R₈ are each independently -H, an aliphatic or substituted aliphatic group, or R₇ is -H and R₈ is a substituted or unsubstituted aryl group, or, R₇ and R₈, taken together, are a C₂-C₆ substituted or unsubstituted alkylene group. Z is =O or =S. Also disclosed are pharmaceutical compositions comprising the compound of the present invention and a pharmaceutically acceptable carrier or diluent. Also disclosed is a method of treating a subject with cancer by administering to the subject a compound of Structural Formula (I) in combination with taxol or an analog of taxol.



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