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ABSTRACT

METHOD OF TUMOR TREATMENT

The present invention provides methods for increasing the cytotoxicity of a chemotherapy agent towards a solid tumor, such tumor susceptible to treatment with the chemotherapy agent, comprising administering to a mammal having such a tumor, from about one half hour to about twenty-four hours prior to administering the chemotherapy agent, or from about one hour to about two hours after administering the chemotherapy agent, a cytotoxicity-enhancing amount of a compound of Formula I. The invention also provides kits for treatment of such tumors which comprise a chemotherapy agent and a cytotoxicity-enhancing amount of a 1,2,4-benzotriazine oxide as defined in Formula I.

The present invention also provides the use of a compound of Formula I capable of exerting a cytotoxic-enhancing effect on a cancer tumor for the manufacture of a medicament, for the therapeutic administration to a mammal having such a tumour from about one half hour to about twenty-four hours prior to treatment of said tumor with a chemotherapy agent.