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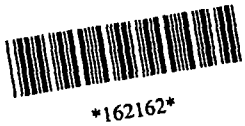

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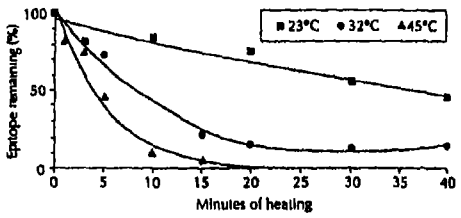
(54) Title: METHODS AND COMPOSITIONS FOR RESTORING CONFORMATIONAL STABILITY OF A PROTEIN OF THE p53 FAMILY

(57) Abstract

The invention is in the field of cancer treatment. In particular, the present invention provides pharmaceutical compounds capable of interacting with mutant and non-mutant forms of cancer-related regulatory proteins such that the mutant protein regains the capacity to properly interact with other macromolecules, thereby restoring or stabilizing all or a portion of its wild type activity. Regulatory proteins include members of the p53 protein family such as, for example, p53, p63 and p73. The compounds of the invention are useful for cancer treatment. Methods for screening for such pharmacological compounds are also provided.





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