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Suppression of Hydrogen Peroxide-Induced Cytotox Chinese Hamster Lung Fibroblasts by Chemically M

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We assessed the inhibitory effects of curcumin and its chemically m against H_2O_2 -induced cytotoxicity toward Chinese hamster lung fil a colony formation assay. Among 4 curcuminoids, dihydroxycurcur dihydroxytetrahydrocurcumin suppressed H_2O_2 -induced cytotoxic neither curcumin nor tetrahydrocurcumin showed any suppressive ϵ

support our empirical rule that the *o*-dihydroxy (catechol) moiety is inhibitory effects.

Keywords: <u>curcumin</u>, <u>turmeric</u>, <u>hydrogen peroxide</u>, <u>V79</u>, <u>cytotoxie</u> <u>cultured cell</u>



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