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Inhibition of DNA Topoisomerase I Activity by Diethylstilbestrol and Its Analogues*

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Diethylstilbestrol and its derivatives were tested to determine their inhibitory effects on the relaxation activity of DNA topoisomerase I using cell lysates from Chinese hamster V79 cells. Among the derivatives investigated, (±)-indenestrol B, (±)-IB, showed the strongest inhibitory effect.

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