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Title	Inhibition of DNA topoisomerase I activity by diethylstilbestrol and its analogues
Sub Title	
Author	小田, 泰子(Oda, Taiko) 佐藤, 良博(Sato, Yoshihiro)
	児玉, 昌彦(Kodama, Masahiko) 金子, 元久(Kaneko, Motohisa)
Publisher	共立薬科大学
Publication year	1993
Jtitle	共立薬科大学研究年報 (The annual report of the Kyoritsu College of
	Pharmacy). No.38 (1993.),p.62-62
JaLC DOI	
Abstract	
Notes	沙 録
Genre	Technical Report
URL	https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=AN00062898-00000038-0062

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

Taiko Oda, Yoshihiro Sato, Masahiko Kodama** and Motohisa Kaneko**

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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, (\pm) -indenestrol B, (\pm) -IB, showed the strongest inhibitory effect.

^{*} 本報告は Biol. Pharm. Bull., 16 (7), 708-710 (1993) に発表。

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