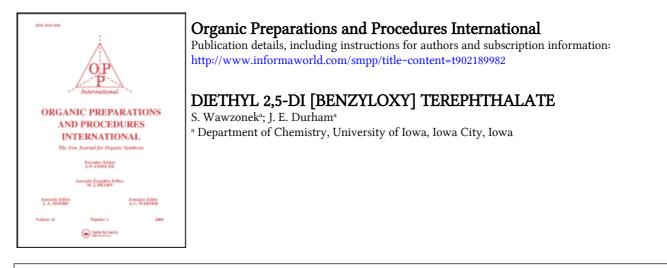
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## DIETHYL 2,5-DI BENZYLOXY TEREPHTHALATE

<u>Submitted</u> by (6/1/76)	S. Wawzonek* and J. E. Durham
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Repeated fractional crystallization of the crude reaction mixture (9.1 g) from the benzylation of the disodium derivative of 2,5-dicarbethoxycyclohexane-1,4-dione [D. Y. Chang and M. C. Chan, J. Org. Chem., <u>39</u>, 976 (1974)] gave 2.6 g of pure <u>trans</u>-2,5-dibenzyl-2,5-dicarbethoxycyclohexane-1,4-dione and 2.7 g of the pure <u>cis</u>-isomer, both known compounds. Preparative layer chromatography of the combined mother liquors on silica gel with methylene chloride as the developing solvent, yielded 0.09 g of diethyl 2,5-di[benzyloxy]terephthalate, mp. 95-96°; IR(Nujol) 5.95(CO); NMR(CDCl<sub>3</sub>) &l.30 (t, 6H,  $2CH_2CH_3$ ), 4.32 (q, 4H,  $2CH_2CH_3$ ), 5.10 (s, 4H,  $2OCH_2$ ), 7.10-7.50 (m,  $2C_6H_5$  and 2CH); m/e 434. <u>Anal</u>. Calcd. for  $C_{26}H_{26}O_6$ : C, 71.86; H, 6.04. Found: C, 72.21; H, 5.95.

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