carboxylic acid esters (benzene compounds)

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Bis(p-chlorocinnamate) Ester of 2,4-Hexadiyne-1,6-diol: Crystallographic and Spectroscopic Studies of an Unreactive Crystal. — Although the title compound (III) contains two groups known to be reactive, it is unreactive toward γ-radiation, UV light and heat at a temperature below its melting point. From an X-ray analysis (C2/c, Z = 8) it is deduced that the relevant groups for this phase of (III) are not oriented for either chlorocinnamate photodimerization or for diacetylene polymerization. — (SANDMAN, D. J.; HAAKSMA, R. A.; FOXMAN, B. M.; Chem. Mater. 3 (1991) 3, 471-475; GTE Lab. Inc., Waltham, MA 02254, USA; EN)