

benzothiophene derivatives

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Synthesis and Isomerization of the Novel Heterotriptycene, 8-Hydroxy-2, 4,5',6-tetramethyl-4,8-dihydro-4,8(3',2')thiophenobenzo-(1,2-b:5,4-b') dithiophene. — The title compound (VI), a derivative of the hitherto unknown heterotriptycene (VII), is synthesized for the first time. (VI) decomposes near its melting point about 203°C to give the isomeric ketone (V) which is obtained as well from (VI) either under basic or acidic (treatment with D₂SO₄) conditions and by heating in o- dichlorobenzene. — (ISHII, A.; KODACHI, M.; NAKAYAMA, J.; HOSHINO, M.; J. Chem. Soc., Chem. Commun. (1991) 11, 751-752; Dep. Chem., Fac. Sci., Saitama Univ., Urawa, Saitama 338, Japan; EN)

