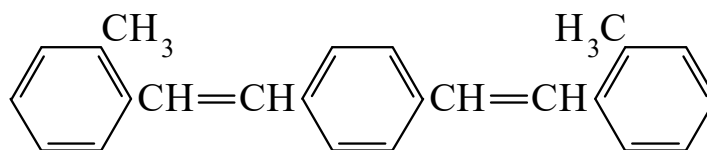




>>Entry Name: 1,4-Bis[2-(2-methylphenyl)ethenyl]benzene, 9CI

Synonym(s): *p*-Bis(*o*-methylstyryl)benzene, 8CI. Bis-MSB



CAS Registry Number: 13280-61-0

Molecular Formula: C₂₄H₂₂

Molecular Weight: 310.438

Accurate Mass: 310.17215

Percentage Composition: C 92.86%; H 7.14%

Use/Importance: Laser dye. Organic liquid scintillator

Physical Description: Lemon yellow plates with blue green fluorescence (cyclohexane)

Melting Point: Mp 178°

Aldrich: 22244-5

Fluka: 15090

Sigma: M7127

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 954D, (*ir*)

Heller, A., *J. Chem. Phys.*, 1964, **40**, 2839, (*synth, use*)

Furumoto, H.W. *et al.*, *J. Appl. Phys.*, 1969, **40**, 4204, (*use*)

Bush, T.E. *et al.*, *J. Phys. Chem.*, 1981, **85**, 144, (*props*)

Antonov, V.S. *et al.*, *Appl. Phys. B*, 1983, **32**, 9, (*props*)