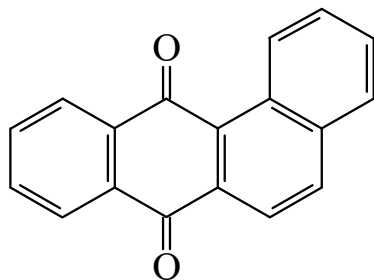




>>Entry Name: Benz[a]anthracene-7,12-dione, 9CI

Synonym(s): 1,2-Benzanthraquinone. Naphthanthraquinone. Tetraphene-7,12-quinone



CAS Registry Number: 2498-66-0

Molecular Formula: C₁₈H₁₀O₂

Molecular Weight: 258.276

Accurate Mass: 258.06808

Percentage Composition: C 83.71%; H 3.90%; O 12.39%

Physical Description: Yellow prisms (AcOH)

Solubility: V. sol. CHCl₃, C₆H₆, sol. Me₂CO, AcOH, spar. sol. EtOH, Et₂O

Aldrich: 22221-6

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 912A, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 83C, (ir)

Heller, G. *et al.*, *Ber.*, 1908, **41**, 3633, (synth)

Groggins, P.H. *et al.*, *Ind. Eng. Chem.*, 1930, **22**, 159, (synth)

Arnold, R.T. *et al.*, *J.O.C.*, 1940, **5**, 250, (synth)

Mukherji, R.N. *et al.*, *Tetrahedron*, 1967, **23**, 3859, (synth, uv, ir)

Tomaszewski, J.E. *et al.*, *Tet. Lett.*, 1977, 971, (synth)

Sammes, P.G. *et al.*, *Chem. Comm.*, 1979, 33, (synth)

Kuroda, R. *et al.*, *Acta Cryst. B*, 1982, **38**, 1674, (cryst struct)

Fujisawa, S. *et al.*, *Bull. Chem. Soc. Jpn.*, 1985, **58**, 3356, (synth)