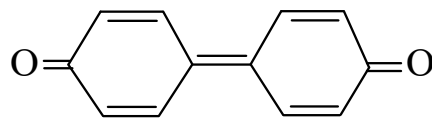




>>Entry Name: [Bi-2,5-cyclohexadien-1-ylidene]-4,4'-dione, 8Cl

Synonym(s): 4-(4-Oxo-2,5-cyclohexadien-1-ylidene)-2,5-cyclohexadien-1-one, 9Cl. Biphenyl-4,4'-quinone.  $\Delta^{1,1'}$ -Bi- $\Delta^{2,5}$ -cyclohexadiene-4,4'-dione.  $\Delta^{4,4'}$ -Bi-*p*-benzenone. Di-*p*-benzoquinone. Diphenoquinone



CAS Registry Number: 494-72-4

Molecular Formula: C<sub>12</sub>H<sub>8</sub>O<sub>2</sub>

Molecular Weight: 184.194

Accurate Mass: 184.05243

Percentage Composition: C 78.25%; H 4.38%; O 17.37%

Physical Description: Violet-brown cryst. (Me<sub>2</sub>CO)

Melting Point: Mp 165 dec.°

Other Data: Two further cryst. modifications, red and gold, have been reported

#### References:

Willstätter, R. *et al.*, *Ber.*, 1905, **38**, 1232, (*synth*)

Detroit, W.J. *et al.*, *J.A.C.S.*, 1952, **74**, 5215, (*synth, uv*)

Josien, M.-L. *et al.*, *J. Chem. Phys.*, 1953, **21**, 331, (*ir*)

König, K.-H. *et al.*, *Chem. Ber.*, 1960, **93**, 554, (*synth*)

Heiss, J. *et al.*, *Org. Mass Spectrom.*, 1969, **2**, 1325, (*ms*)