



>>Entry Name: **2,3-Dimethylantraquinone**

Synonym(s): 2,3-Dimethyl-9,10-anthracenedione, 9CI

CAS Registry Number: 6531-35-7

Structure by analogy with 1,2-Dimethylantraquinone, [FNT04-I](#)

Molecular Formula: C₁₆H₁₂O₂

Molecular Weight: 236.27

Accurate Mass: 236.08373

Percentage Composition: C 81.34%; H 5.12%; O 13.54%

Physical Description: Cryst. (toluene)

Melting Point: Mp 210 subl.°

Aldrich: 37689-2

Rare Chemicals Library: S34669-1

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 913B, (*nmr*)

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de Barry Barnett, E. *et al.*, *Ber.*, 1931, **64**, 537, (*synth*)

Fieser, L.F. *et al.*, *J.A.C.S.*, 1934, **56**, 2690, (*synth*)

Fieser, L.F. *et al.*, *J.A.C.S.*, 1942, **64**, 917, (*synth*)

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Günzl-Schumacher, M. *et al.*, *Chem. Ber.*, 1959, **92**, 178, (*synth*)

Stepan, V. *et al.*, *Coll. Czech. Chem. Comm.*, 1971, **36**, 3964, (*ir*)