



>>Entry Name: **1,4-Chrysenedione**

Synonym(s): 1,4-Chrysenequinone

CAS Registry Number: 100900-16-1

Structure by analogy with 1,2-Chrysenedione, [FMH90-Q](#)

Molecular Formula: $C_{18}H_{10}O_2$

Molecular Weight: 258.276

Accurate Mass: 258.06808

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

Physical Description: Orange needles (AcOH)

Melting Point: Mp 213.5-214°

Aldrich: 24973-4

Sigma: C3276

References:

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

Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 88B, (*nmr*)

Davies, W. *et al.*, *J.C.S.*, 1957, 4967, (*synth*)

Teuber, H.J. *et al.*, *Chem. Ber.*, 1959, **92**, 921, (*synth, uv*)