



>>Entry Name: **2,3-Dichloroanthraquinone**, 8Cl

Synonym(s): 2,3-Dichloro-9,10-anthracenedione, 9Cl. 2,3-Dichloro-9,10-dihydro-9,10-dioxoanthracene

CAS Registry Number: 84-45-7

Molecular Formula: C₁₄H₆Cl₂O₂

Molecular Weight: 277.106

Accurate Mass: 275.974484

Percentage Composition: C 60.68%; H 2.18%; Cl 25.59%; O 11.55%

Use/Importance: Dye intermediate

Physical Description: Yellow needles (AcOH)

Melting Point: Mp 267° (258-259°)

Solubility: Spar. sol. AcOH

Rare Chemicals Library: S86358-0

References:

Phillips, M., *J.A.C.S.*, 1927, **49**, 473, (*synth*)

Goldberg, A.A., *J.C.S.*, 1931, 1771, (*synth*)

Nepras, M. *et al.*, *Coll. Czech. Chem. Comm.*, 1963, **28**, 2706, (*uv, isol*)

Volkov, A.F., *J. Struct. Chem. (Engl. Transl.)*, 1975, **16**, 296, (*cryst struct*)