



>>Entry Name: Anthraquinone-2,6-disulfonic acid

Synonym(s): 9,10-Dihydro-9,10-dioxo-2,6-anthracenedisulfonic acid, 9Cl, 8Cl

CAS Registry Number: 84-50-4

Molecular Formula: C₁₄H₈O₈S₂

Molecular Weight: 368.344

Accurate Mass: 367.96606

Percentage Composition: C 45.65%; H 2.19%; O 34.75%; S 17.41%

Physical Description: Yellowish cryst. + 6H₂O (HCl aq.)

Melting Point: Mp 283 dec.°

Solubility: V. sol. H₂O

Aldrich: A9060-8

>>Derivative: Di-Na salt

CAS Registry Number: 853-68-9

Use/Importance: Used in light energy storage systems

Melting Point: Mp 325°

Fluka: 10640

Sigma: A9706

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 511B, (*ir*)

Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 831A, (*nmr*)

Fierz-David, H.E., *Helv. Chim. Acta*, 1927, **10**, 219, (*synth*)

Lauer, K., *J. Prakt. Chem.*, 1931, **130**, 185, (*synth*)

Hunter, A. *et al.*, *J. Chromatogr.*, 1985, **319**, 319, (*hplc*)