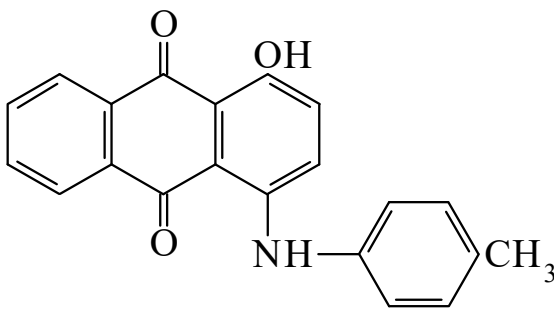




>>Entry Name: 1-Hydroxy-4-[(4-methylphenyl)amino]-9,10-anthracenedione, 9Cl

Synonym(s): 1-Hydroxy-4-*p*-toluidinoanthraquinone. Waxoline Purple A. C.I. Solvent Violet 13. C.I. 60725. Disperse Blue 72



CAS Registry Number: 81-48-1

Molecular Formula: C₂₁H₁₅NO₃

Molecular Weight: 329.354

Accurate Mass: 329.105194

Percentage Composition: C 76.58%; H 4.59%; N 4.25%; O 14.57%

Use/Importance: Used as 0.005% soln. in 85% H₂SO₄ for photometric detn. of B

Physical Description: Flat violet needles (toluene)

Solubility: Sol. conc. H₂SO₄

Rare Chemicals Library: S75769-1

Sigma: H9257

References:

Trinder, N., *Analyst (London)*, 1948, **73**, 494, (*synth*)

Bell, D. *et al.*, *Analyst (London)*, 1968, **93**, 298, (*detn. B*)

Yatsenko, A.V. *et al.*, *Acta Cryst. C*, 1996, **52**, 1853, (*cryst struct*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, HOK000