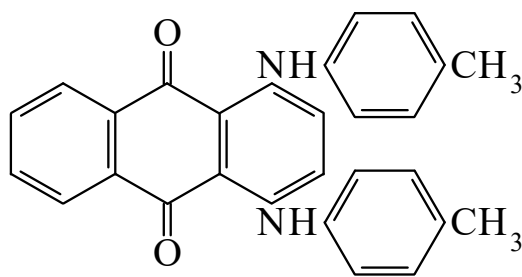




>>Entry Name: 1,4-Bis[(4-methylphenylamino)]-9,10-anthracenedione, 9CI

Synonym(s): 1,4-Bis(4-methylanilino)anthraquinone. C.I. Solvent green 3. C.I. 61565



CAS Registry Number: 128-80-3

Molecular Formula: C₂₈H₂₂N₂O₂

Molecular Weight: 418.494

Accurate Mass: 418.168128

Percentage Composition: C 80.36%; H 5.30%; N 6.69%; O 7.65%

Use/Importance: Commercially available, used for photometric detn. of La, U(VI)

Physical Description: Dark green cryst. powder

Solubility: Sol. C₆H₆, acids; sl. sol. Me₂CO; insol. H₂O, EtOH

Aldrich: 21198-2

Rare Chemicals Library: S36132-1

Sigma: S8007

References:

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Sigma-Aldrich Library of Stains, Dyes and Indicators, 649

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