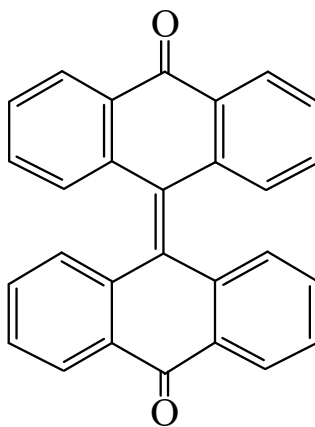




>>Entry Name: **Bianthrone**

Synonym(s): 10-(10-Oxo-9(10*H*)-anthracenylidene)-9(10*H*)-anthracenone, 9Cl. [$\Delta^{9,9}(10H,10'H)$]Bianthracene-10,10'-dione. $\Delta^{10,10'}$ -Bianthrone. 9,9'-Bianthrylidene-10,10'-quinone. 9,9'-Dianthranyl-10,10'-quinone. Dianthraquinone. Bianthronylidene



CAS Registry Number: 434-85-5

Molecular Formula: C₂₈H₁₆O₂

Molecular Weight: 384.433

Accurate Mass: 384.11503

Percentage Composition: C 87.48%; H 4.19%; O 8.32%

Physical Description: Yellow needles

Melting Point: Mp 335° (block)

Solubility: Mod. sol. hot acetophenone, spar. sol. most solvs.

Other Data: Solid and solns. turn green on heating

Aldrich: B3340-4

Sigma: B3626

References:

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