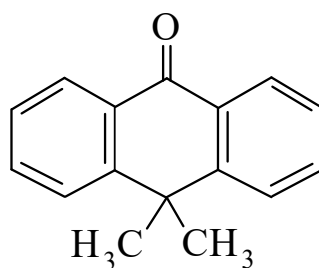




>>Entry Name: 10,10-Dimethyl-9(10*H*)-anthracenone, 9Cl

Synonym(s): 10,10-Dimethylanthrone



CAS Registry Number: 5447-86-9

Molecular Formula: C₁₆H₁₄O

Molecular Weight: 222.286

Accurate Mass: 222.104465

Percentage Composition: C 86.45%; H 6.35%; O 7.20%

Physical Description: Cryst. (petrol)

Melting Point: Mp 102-103°

>>Derivative: Hydrazone

CAS Registry Number: 90624-29-6

Molecular Formula: C₁₆H₁₆N₂

Molecular Weight: 236.316

Accurate Mass: 236.131348

Percentage Composition: C 81.32%; H 6.82%; N 11.85%

Physical Description: Gum

>>Derivative: Hydrazone, picrate

CAS Registry Number: 101023-30-7

Physical Description: Yellow cryst. (EtOH)

Melting Point: Mp 193-197°

References:

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Rüchardt, C. *et al.*, *Chem. Ber.*, 1994, **127**, 2065, (*synth, ir, ms*)

Halton, B. *et al.*, *J.O.C.*, 1998, **63**, 1583-1590, (*synth, pmr, cmr, ms*)