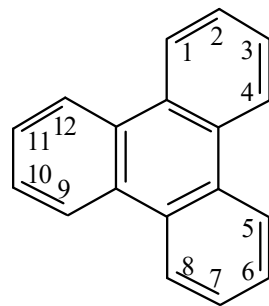




>>Entry Name: Triphenylene, 9Cl

Synonym(s): 9,10-Benzphenanthrene. Benzo[*l*]phenanthrene. 1,2:3,4-Dibenznaphthalene



CAS Registry Number: 217-59-4

Molecular Formula: C₁₈H₁₂

Molecular Weight: 228.293

Accurate Mass: 228.0939

Percentage Composition: C 94.70%; H 5.30%

Source/Synthesis: Minor component of coal tar

Physical Description: Needles (EtOH)

Melting Point: Mp 198°

Other Data: Sublimes. Solns. exhibit weak blue fluor.

Hazard & Toxicity: Poss. carcinogen (weak activity predicted theoretically, no clear exp. evidence), weak mutagen

Aldrich: T8260-0

Fluka: 93020

Supelco: R43-1300

>>Derivative: Picrate

CAS Registry Number: 6138-60-9

Melting Point: Mp 222-223°

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