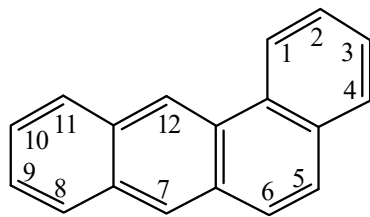




>>Entry Name: Benz[a]anthracene

Synonym(s): 1,2-Benzanthracene. Naphthanthracene. 2,3-Benzophenanthrene. Tetraphene. 1,2-Benzanthrene



CAS Registry Number: 56-55-3

Molecular Formula: C₁₈H₁₂

Molecular Weight: 228.293

Accurate Mass: 228.0939

Percentage Composition: C 94.70%; H 5.30%

Physical Description: Leaflets (EtOH/AcOH)

Melting Point: Mp 158-159°

pKa Value: pK_a -7.5 (H₂SO₄ aq.)

Other Data: Sublimes. Sols. fluor. intense yellowish-green

Hazard & Toxicity: Probable human carcinogen. Exp. weak carcinogen

Aldrich: B220-9

Fluka: 12090

Rare Chemicals Library: S43594-5

Sigma: B2750

Supelco: R43-0720

>>Derivative: Picrate

CAS Registry Number: 5928-81-4

Physical Description: Red needles

Melting Point: Mp 133°

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