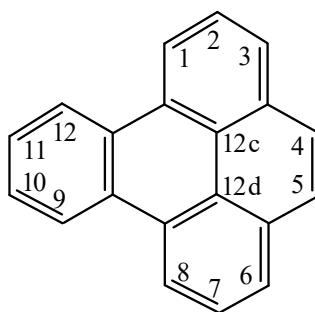




>>Entry Name: Benzo[e]pyrene, 9CI

Synonym(s): 4,5-Benzopyrene. 4,5-Benzpyrene. 1,2-Benzpyrene (obsol.)‡



CAS Registry Number: 192-97-2

Extra CAS Registry Numbers(s): 73467-76-2

Molecular Formula: C₂₀H₁₂

Molecular Weight: 252.315

Accurate Mass: 252.0939

Percentage Composition: C 95.21%; H 4.79%

Source/Synthesis: Constit. of coal tars

Physical Description: Prisms (C₆H₆)

Melting Point: Mp 178-179°

Boiling Point: Subl._{3,5} 250° (lit. gives a pressure range)

Hazard & Toxicity: Weak mutagen, slight exp. carcinogenic activity. Human carcinogenicity potential inconclusive, but possible tumour initiator

Aldrich: B1010-2

Fluka: 12785

Sigma: B8382

Supelco: 44-2475

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