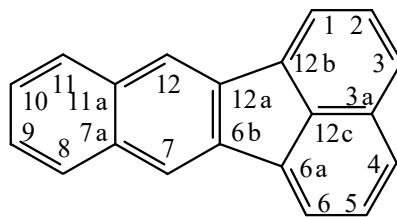




>>Entry Name: Benzo[*k*]fluoranthene

Synonym(s): 11,12-Benzofluoranthene. 2,3;1',8-Binaphthylene. Dibenzo[*b jk*]fluorene



CAS Registry Number: 207-08-9

Molecular Formula: C₂₀H₁₂

Molecular Weight: 252.315

Accurate Mass: 252.0939

Percentage Composition: C 95.21%; H 4.79%

Source/Synthesis: Occurs in coal tar pitch

Physical Description: Yellow prisms (C₆H₆ or AcOH)

Melting Point: Mp 217°

Boiling Point: Bp 480°

Hazard & Toxicity: Exp. carcinogen

Aldrich: 39225-1

Fluka: 12488

Sigma: B4042

Supelco: R43-0750

>>Derivative: Picrate

Physical Description: Cryst.

Melting Point: Mp 170-171°

>>Derivative: 1,3,5-Trinitrobenzene complex

Melting Point: Mp 182°

References:

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