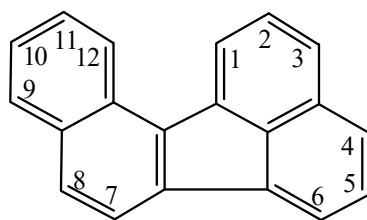




>>Entry Name: Benzo[*j*]fluoranthene, 9CI

Synonym(s): 10,11-Benzofluoranthene. Dibenzo[*a,jk*]fluorene



CAS Registry Number: 205-82-3

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 cryst. (EtOH)

Melting Point: Mp 165°

Boiling Point: Bp₂ 240-260°

Hazard & Toxicity: Possible human carcinogen. Exp. carcinogen and neoplastic agent

>>Derivative: Picrate

Physical Description: Brick-red needles (EtOH)

Melting Point: Mp 194-195°

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

Melting Point: Mp 220-220.5°

References:

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