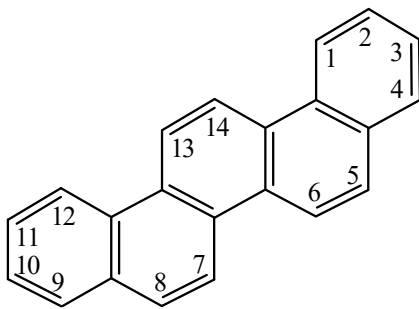




>>Entry Name: Picene

Synonym(s): 1,2:7,8-Dibenzphenanthrene. Dibenzo[*a,i*]phenanthrene. Benzo[*a*]chrysene. [5]Phenacene



CAS Registry Number: 213-46-7

Molecular Formula: C₂₂H₁₄

Molecular Weight: 278.353

Accurate Mass: 278.10955

Percentage Composition: C 94.93%; H 5.07%

Physical Description: Leaflets (Py or xylene)

Melting Point: Mp 367-369°

Boiling Point: Bp 518-520°

Solubility: Spar. sol. hot C₆H₆, CHCl₃, AcOH

Hazard & Toxicity: Causes exp. neoplasms

>>Derivative: 2,7-Dinitroanthraquinone complex

Physical Description: Red needles

Melting Point: Mp 299-300°

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