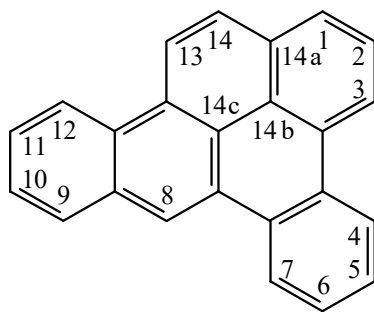




>>Entry Name: Dibenzo[*a,e*]pyrene

Synonym(s): Naphtho[1,2,3,4-*def*]chrysene, 9Cl. 1,2:4,5-Dibenzopyrene



CAS Registry Number: 192-65-4

Molecular Formula: C₂₄H₁₄

Molecular Weight: 302.375

Accurate Mass: 302.10955

Percentage Composition: C 95.33%; H 4.67%

Physical Description: Pale-yellow cryst. (xylene)

Melting Point: Mp 225° (*in vacuo*)

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

References:

Clar, E., *Ber.*, 1943, **76**, 609, (*synth*)

Thomas, R.S. *et al.*, *Adv. Mass Spectrom.*, 1978, **7B**, 1709, (*ms*)

IARC Monog., 1983, **32**, 327; *Suppl.* 7, 62, (*rev, tox*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, NAT500