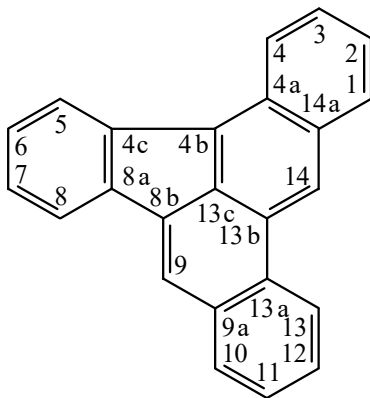




>>Entry Name: Dibenzo[*a,e*]fluoranthene

Synonym(s): Dibenzo[*a,e*]aceanthrylene



CAS Registry Number: 5385-75-1

Molecular Formula: C₂₄H₁₄

Molecular Weight: 302.375

Accurate Mass: 302.10955

Percentage Composition: C 95.33%; H 4.67%

Physical Description: Yellow needles (C₆H₆)

Melting Point: Mp 232° (226-227°)

Other Data: This compd. was originally thought to be Dibenzo[*def,p*]chrysene [HJD57-S](#)

Hazard & Toxicity: Exp. carcinogen (limited evidence)

References:

Lavit-Lamy, D. *et al.*, *Chem. Comm.*, 1966, 92, (*synth, bibl*)

IARC Monog., 1983, **32**, 321; *Suppl.* 7, 61, (*rev, tox*)

Harvey, R.G., *Polycyclic Aromatic Hydrocarbons: Chemistry and Carcinogenicity*, Cambridge University Press, 1991, 252

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DCR300