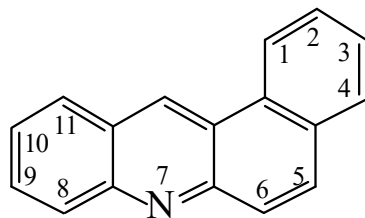




>>Entry Name: Benz[*a*]acridine

Synonym(s): 3,4-Benzacridine. β -Chrysidine. β -Naphthacridine. β -Phenonaphthacridine. 7-Azabenz[*a*]anthracene



CAS Registry Number: 225-11-6

Molecular Formula: C₁₇H₁₁N

Molecular Weight: 229.281

Accurate Mass: 229.089149

Percentage Composition: C 89.06%; H 4.84%; N 6.11%

Source/Synthesis: Air pollutant

Physical Description: Pale-yellow needles (EtOH aq.)

Melting Point: Mp 131°

Other Data: Fluor. soln.

References:

Badger, G.M. *et al.*, *J.C.S.*, 1951, 3207, (*synth*)

Waters, W.A. *et al.*, *J.C.S.*, 1959, 2082, (*synth*)

Sawicki, E. *et al.*, *Anal. Chim. Acta*, 1964, **31**, 359, (*uv*)

Robinson, D.A., *Chem. Heterocycl. Compd.*, 1973, **9**, 529, (*rev*)

Bilgic, O. *et al.*, *J.C.S. Perkin 1*, 1980, 1233; 1981, 3041, (*synth*)

IARC Monog., 1983, **32**, 123; *Suppl.* 7, 58, (*rev, tox*)