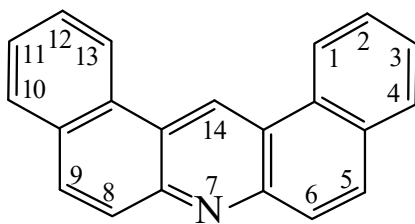




>>Entry Name: Dibenz[*a,j*]acridine, 9Cl

Synonym(s): 7-Azadibenz[*a,j*]anthracene



CAS Registry Number: 224-42-0

Molecular Formula: C₂₁H₁₃N

Molecular Weight: 279.34

Accurate Mass: 279.104799

Percentage Composition: C 90.30%; H 4.69%; N 5.01%

Physical Description: Yellow cryst.

Melting Point: Mp 216-217°

Other Data: Triboluminescent

Hazard & Toxicity: Possible human carcinogen. Exp. carcinogen

Rare Chemicals Library: S41924-9

Sigma: D9002

>>Derivative: Hydrochloride

Physical Description: Deep-yellow cryst.

Melting Point: Mp 346-348 dec.°

References:

Schoen, J. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1965, **39**, 1633; *CA*, **64**, 15838, (*synth*)

André, J. *et al.*, *Bull. Soc. Chim. Fr.*, 1970, 3908

IARC Monog., 1983, **32**, 283; *Suppl.* 7, 61, (*rev, tox*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DCS600