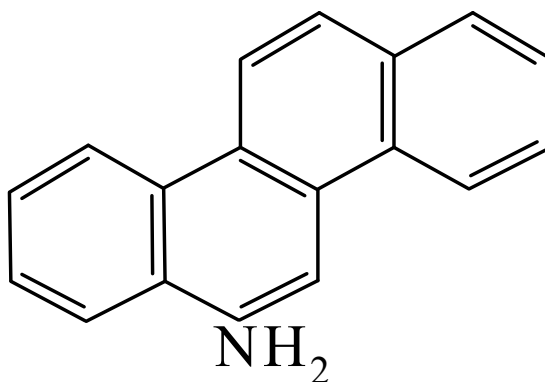




>>Entry Name: 6-Aminochrysene

Synonym(s): 6-Chrysenamine, 9Cl, 8Cl. Chrysenex



CAS Registry Number: 2642-98-0

Molecular Formula: C₁₈H₁₃N

Molecular Weight: 243.307

Accurate Mass: 243.104799

Percentage Composition: C 88.86%; H 5.39%; N 5.76%

Use/Importance: Exp. carcinogen used in biochemical res.

Physical Description: Leaflets (EtOH)

Melting Point: Mp 210-211°

Hazard & Toxicity: Exp. carcinogen and mutagen

Aldrich: A4705-2

Sigma: A0146

>>Derivative: Ac

Molecular Formula: C₂₀H₁₅NO

Molecular Weight: 285.345

Accurate Mass: 285.115364

Percentage Composition: C 84.19%; H 5.30%; N 4.91%; O 5.61%

Melting Point: Mp 299-301°

References:

Aldrich Library of NMR Spectra, 2nd edn., 1983, **1**, 1066C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1256C, (*ir*)

Newman, M.S., *J.O.C.*, 1940, **5**, 620, (*synth*)

Dewar, M.J.S., *J.C.S.*, 1956, 2556, (*synth*)

Banik, B.K. *et al.*, *Synth. Commun.*, 2000, **30**, 3745-3754, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, CML800