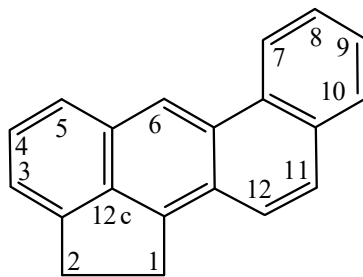




>>Entry Name: Cholanthrene, 8Cl

Synonym(s): 1,2-Dihydrobenz[*j*]aceanthrylene, 9Cl



CAS Registry Number: 479-23-2

Molecular Formula: C<sub>20</sub>H<sub>14</sub>

Molecular Weight: 254.331

Accurate Mass: 254.10955

Percentage Composition: C 94.45%; H 5.55%

Physical Description: Pale-yellow leaflets (C<sub>6</sub>H<sub>6</sub>/EtOH)

Melting Point: Mp 170-171°

**Hazard & Toxicity:** Potent carcinogenic activity on mouse skin

>>Derivative: Picrate

Physical Description: Purple-black needles (C<sub>6</sub>H<sub>6</sub>)

Melting Point: Mp 167-168°

#### References:

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Fieser, L.F. *et al.*, *J.A.C.S.*, 1938, **60**, 940, (*uv*)

Bruce, W.F., *J.A.C.S.*, 1941, **63**, 301

Batterham, T.J. *et al.*, *Aust. J. Chem.*, 1965, **18**, 1959, (*pmr*)

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