

Catalog Number: 101922

Hematoxylin

Structure:



Molecular Formula: $C_{16}H_{14}O_6 \cdot 3H_2O$

Molecular Weight: 356.4

CAS #: 517-28-2

Synonyms: Natural Black I; C.I. 75290

Physical Description: Reddish tan powder

Recommended Storage: Room temperature

Solubility: Soluble in ethanol (20 mg/ml); hot water.

Uses: Nuclear stain; cytology and histology

References:

1. Long, C., *Biochemist's Handbook*, Van Nostrand: Princeton (1961).
2. Cole, E.C., *Stain Technol.*, v. **6**, 93-96 (1931).
3. Dalal, R.C., *Plant Soil*, v. **36**, 223 (1972).
4. Clark, G. *Staining Procedures*, **4th Ed.**, Williams and Wilkins: Baltimore, pp. 36, 208 (1981).
5. *Merck Index* **12th Ed.**, No4670