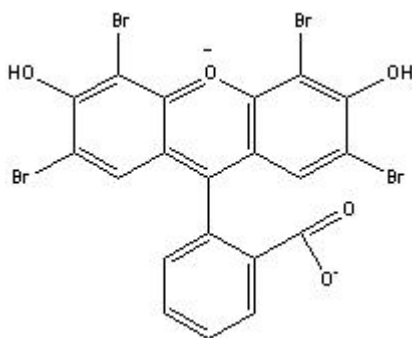


TECHNICAL INFORMATION

Catalog Number: 157922
Eosin Y, Free Acid

Structure:



Molecular Formula: C₂₀H₈Br₄O₅

Formula Weight: 647.9

CAS # 15086-94-9

Synonyms: 2',4',5',7'-Tetrabromofluorescein; Eosin Yellowish; Solvent Red 43; C.I. 45380:2

Physical Description: Orange to reddish powder

Recommended Storage: Room temperature

Solubility: Soluble in water (0.8 mg/ml); ethanol (10 mg/ml); Ethylene Glycol Monomethyl Ether (Methyl-cellosolve; EGME) (40 mg/ml)

Uses: (all from Clark, G., 1981) Hematoxylin and Eosin stain; counterstain for hematoxylin; use in combination with Azure II to show morphological details of marrow cells; buffered Azure A/Eosin Y method for demonstrating cell granules, microorganisms and nuclei; for showing insect musculature; for demonstrating cells infected with mosquito-iridescent virus; use in combination with Alum Hematoxylin/Azure II to show mast cells, early necrobiotic changes in cells and protozoans, rickettsias and bacteria in tissues; to demonstrate volutin granules in any microorganism; Bond's modification of Mann's Eosin-Methyl Blue for Negri bodies in smears; Harris stain for Negri bodies in smears; Mann's method for staining Negri bodies in sections; Gridley's stain for *Endamoeba* in tissue sections; a modified methenamine-silver nitrate method for the demonstration of *Endamoeba* in sections.

References:

- Wittekind, D., Kretschmer, V., Lohr, W., *Blut*, v. **32**, 71-78 (1976).
- Clark, G., *Staining Procedures*, **4th Ed.**, Williams and Wilkins: Baltimore, pp. 37, 180, 209-210, 260-261, 308, 407, 432-433, 462, 471-472 (1981).