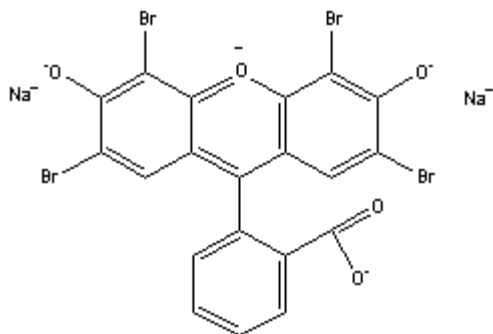


Catalog Number: 152471, 195700, 203346

Eosin Y, Disodium Salt

Structure:



Molecular Formula: $C_{20}H_6Br_4O_5Na_2$

Formula Weight: 691.9

CAS #: 548-26-5; 17372-87-1

Synonyms: 2',4',5',7'-Tetrabromofluorescein, disodium salt; Eosin Yellowish; Acid Red 87; C. I. 45380

Physical Description: Red-Gold powder or solution

Recommended Storage: Room temperature

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.

Availability:

| Catalog Number | Description | Size |
|----------------|---|---|
| 152471 | Eosin Y, Disodium Salt | 25 g 100 g 250 g |
| 195700 | Eosin Y, Disodium Salt, 10% (w/v) Solution | 100 ml 500 ml 1 liter 1 x 10 liter |
| 203346 | Eosin Yellowish | 10 gm |

Solubility: Soluble in water (40 mg/ml); ethanol (10 mg/ml); Ethylene Glycol Monomethyl Ether (Methyl-cellosolve; EGME) (50 mg/ml)

References:

1. Wittekind, D., Kretschmer, V., Lohr, W., *Blut*, v. **32**, 71-78 (1976).
2. 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).