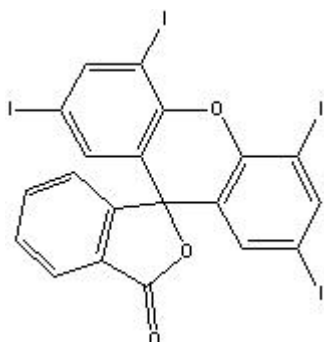


TECHNICAL INFORMATION

Catalog Number: 190449, 190450, 194590
Erythrosin B

Structure (free acid):



	<i>Free Acid</i>	<i>Sodium Salt</i>
Molecular Formula:	C ₂₀ H ₈ I ₄ O ₅	C ₂₀ H ₆ I ₄ O ₅ Na ₂
Molecular Weight:	835.9	879.9
CAS #	15905-32-5	568-63-8

C.I. # 45430 (sodium salt); 45430:2 (free acid)

Synonyms: Acid Red 51; Solvent Red 140; 2',4',5',7'-Tetraiodofluorescein

Solubility:

Free Acid: Soluble in methyl cellosolve (20 mg/ml); slightly soluble in ethanol (2 mg/ml); very slightly soluble in water (0.7 mg/ml)
Sodium Salt: Soluble in water (20 mg/ml) or ethanol (20 mg/ml)

Description: A red, anionic xanthene dye. Has been used as a contrast or counterstain to hematoxylin, crystal violet and other nuclear stains, in both plant and animal tissue.

Availability:

Catalog Number	Description	Size
190449	Erythrosin B, sodium salt	5 g 10 g 25 g

190450	Erythrosin B, free acid	5 g 25 g
194590	Erythrosin B, free acid, cell culture reagent	5 g 10 g 25 g

Reference:

– Clark, G., *Staining Procedures*, **4th Ed.**, Williams and Wilkins: Baltimore, pp. 50, 268, 323 (1981).