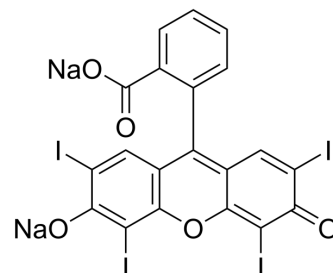


## Erythrosin B sodium salt

<b>Cat. No.:</b>	HY-W206911
<b>CAS No.:</b>	568-63-8
<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>6</sub> I <sub>4</sub> Na <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	879.86
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (56.83 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.1365 mL	5.6827 mL	11.3654 mL
5 mM	0.2273 mL	1.1365 mL	2.2731 mL
10 mM	0.1137 mL	0.5683 mL	1.1365 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Erythrosin B sodium salt, is a synthetic azo dye commonly used as a food colorant and textile dye. It is a water-soluble compound that produces a bright red color and is often used to improve the appearance of products. Erythrosin B sodium salt is also used in the textile industry for dyeing wool, silk and leather. However, it has been linked to potentially negative health effects, such as allergic reactions and hyperactivity in children.

#### In Vitro

Acid Red 51 is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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