# Data Sheet (Cat.No.T0305)



# Erythrosine B

Chemical Proper	ties	
CAS No. :	16423-68-0	Na <sup>8</sup>
Formula:	C20H6I4Na2O5	
Molecular Weight:	879.86	
Appearance:	no data available	Na <sup>®</sup> 0 <sup>®</sup>
Storage:	keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year	,′ Ť

<b>Biological Description</b>	
Description	Erythrosine B (Erythrosine I), a tetraiodofluorescein, is served as a red coloring in some foods (cherries, fish), as a disclosure of dental plaque, and as a stain of some cell types. Its structural was similar to thyroxine.
Targets(IC50)	Others

Solubility Infor	mation	
Solubility	0	DMSO: 60 mg/mL (68.19 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)

#### Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0227 mL	0.1137 mL	0.2273 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Horikoshi S, et al. Clin Chim Acta. 2012 Jul 11;413(13-14):1087-91.

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