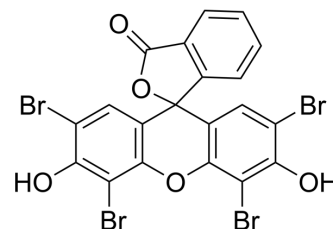


## Eosin Y

Cat. No.:	HY-D0505
CAS No.:	15086-94-9
Molecular Formula:	C <sub>20</sub> H <sub>8</sub> Br <sub>4</sub> O <sub>5</sub>
Molecular Weight:	647.89
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (192.93 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.5435 mL	7.7174 mL	15.4347 mL
	5 mM		0.3087 mL	1.5435 mL	3.0869 mL
	10 mM		0.1543 mL	0.7717 mL	1.5435 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Eosin Y is a dye molecule. Eosin Y has low cost and good availability which has a wide application in organic synthesis as a photoredox catalyst<sup>[1]</sup>.

### REFERENCES

[1]. Hari DP, et al. Synthetic applications of eosin Y in photoredox catalysis. Chem Commun (Camb). 2014;50(51):6688-6699.

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

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