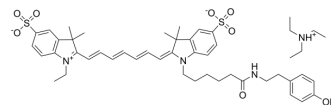


## Cy7 tyramide

Cat. No.:	HY-D2205
Molecular Formula:	C <sub>49</sub> H <sub>66</sub> N <sub>4</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight:	903.2
Target:	Fluorescent Dye
Pathway:	Others
Storage:	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 : 100 mg/mL (110.72 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.1072 mL	5.5359 mL	11.0717 mL
	5 mM	0.2214 mL	1.1072 mL	2.2143 mL
	10 mM	0.1107 mL	0.5536 mL	1.1072 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Cy7 tyramide, a red fluorescent dye, is utilized as reporter fluorescent substrate for horseradish peroxidase (HRP)-catalyzed deposition that is signal amplification technique in immunoassay and in situ hybridization of nucleic acids.

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

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