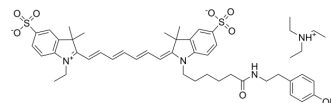


Cy7 tyramide

Cat. No.:	HY-D2205
Molecular Formula:	C ₄₉ H ₆₆ N ₄ O ₈ S ₂
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 Concentration	Mass	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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