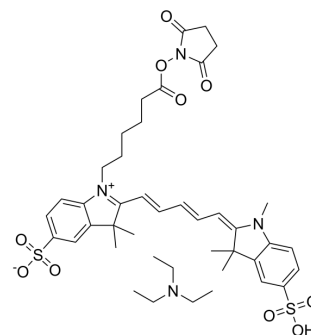


MeCY5-NHS ester triethylamine

Cat. No.:	HY-135413B
Molecular Formula:	C ₄₂ H ₅₆ N ₄ O ₁₀ S ₂
Molecular Weight:	841.04
Target:	DNA Stain
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°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 : 83.33 mg/mL (99.08 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.1890 mL	5.9450 mL	11.8900 mL
	5 mM	0.2378 mL	1.1890 mL	2.3780 mL
	10 mM	0.1189 mL	0.5945 mL	1.1890 mL

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

BIOLOGICAL ACTIVITY

Description

MeCY5-NHS ester (potassium) is a reactive dye and can be used for labeling protein nucleic acid^[1].

REFERENCES

[1]. Shukla S, et al. Antibody Response against Cowpea Mosaic Viral Nanoparticles Improves In Situ Vaccine Efficacy in Ovarian Cancer. ACS Nano. 2020;14(3):2994-3003.

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

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