



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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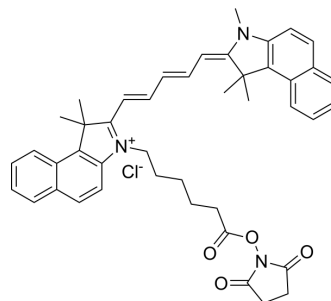
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Cyanine5.5 NHS ester chloride

Cat. No.:	HY-135415
CAS No.:	1469277-96-0
Molecular Formula:	C ₄₄ H ₄₆ ClN ₃ O ₄
Molecular Weight:	716.31
Target:	Fluorescent Dye
Pathway:	Others
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 : 50 mg/mL (69.80 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	1.3960 mL	6.9802 mL	13.9604 mL
		5 mM	0.2792 mL	1.3960 mL	2.7921 mL
		10 mM	0.1396 mL	0.6980 mL	1.3960 mL
		Please refer to the solubility information to select the appropriate solvent.			

BIOLOGICAL ACTIVITY

Description	Cyanine5.5 NHS ester chloride is a reactive dye for the labeling of proteins, and antibodies and small molecular compounds [1].
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REFERENCES

[1]. Zhu S, et al. Visualizing cancer and response to therapy in vivo using Cy5.5-labeled factor VIIa and anti-tissue factor antibody. *J Drug Target*. 2015 Apr;23(3):257-65.

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

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