



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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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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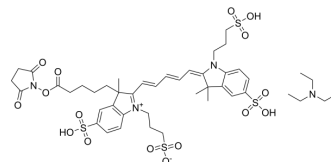
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Alexa fluor 647 NHS ester TEA

Cat. No.:	HY-D2096A
Molecular Formula:	C ₄₅ H ₆₂ N ₄ O ₁₆ S ₄
Molecular Weight:	1043.25
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 : 100 mg/mL (95.85 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		0.9585 mL	4.7927 mL	9.5854 mL
	5 mM		0.1917 mL	0.9585 mL	1.9171 mL
	10 mM		0.0959 mL	0.4793 mL	0.9585 mL

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

BIOLOGICAL ACTIVITY

Description

Alexa fluor 647 NHS ester TEA can be used to label Alexa fluor 647 to the primary amines (R-NH₂) of proteins, amine-modified oligonucleotides, and other amine-containing molecules^[1].

REFERENCES

[1]. Martin Lehmann, et al. Multicolor Caged dSTORM Resolves the Ultrastructure of Synaptic Vesicles in the Brain. *Angew Chem Int Ed Engl.* 2015 Nov 2;54(45):13230-5.

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

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