



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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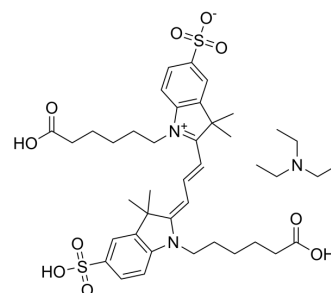
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Cyanine 3.18 TEA

Cat. No.:	HY-D1097A
Molecular Formula:	C ₄₁ H ₅₉ N ₃ O ₁₀ S ₂
Molecular Weight:	818.05
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (152.80 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.2224 mL	6.1121 mL	12.2242 mL
	5 mM		0.2445 mL	1.2224 mL	2.4448 mL
	10 mM		0.1222 mL	0.6112 mL	1.2224 mL

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

BIOLOGICAL ACTIVITY

Description

Cyanine 3.18 TEA belongs to the cyanine dye series and is a common fluorescent marker for biomolecules that can interact with biomolecules. Cyanine dyes may also bind to double-helical DNA through intercalation and exhibit enhanced fluorescence upon binding^[1].

REFERENCES

[1]. Armitage B A. Cyanine dye–DNA interactions: intercalation, groove binding, and aggregation[J]. DNA Binders and Related Subjects: -/-, 2005: 55-76.

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

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