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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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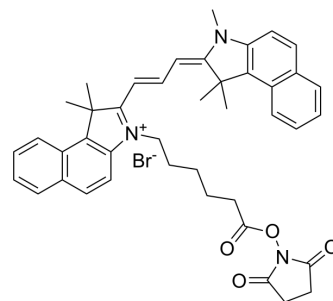
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Cyanine 3.5 bromide

Cat. No.:	HY-D1596A
Molecular Formula:	C ₄₂ H ₄₄ BrN ₃ O ₄
Molecular Weight:	734.72
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)



BIOLOGICAL ACTIVITY

Description

Cyanine 3.5 bromide (Cy3.5 NHS ester bromide) is an analog of the Cy3.5 fluorophore. Cyanine 3.5 bromide is a red reactive fluorescent dye. Cyanine 3.5 bromide is used to label amino groups in peptides, proteins, and oligonucleotides. (λ_{ex} =591 nm, λ_{em} =604 nm)^{[1][2]}.

REFERENCES

- [1]. Zhang J, et al. Synthesis and evaluation of targeted nanomicelle delivery system with rhein as the hydrophobic end and its synergistic therapy effect on tumor[J]. Journal of Drug Delivery Science and Technology, 2021, 66: 102741.
- [2]. Kravchuk O I, et al. Characterization of the 20S proteasome of the lepidopteran, Spodoptera frugiperda[J]. Biochimica et Biophysica Acta (BBA)-Proteins and Proteomics, 2019, 1867(9): 840-853.

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

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