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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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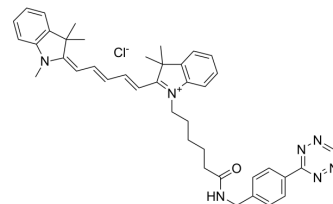
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Cy5-tetrazine

Cat. No.:	HY-D2489
Molecular Formula:	C ₄₁ H ₄₆ ClN ₇ O
Molecular Weight:	688.3
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cy5-tetrazine is a fluorescent dye. Cy5-tetrazine is a CY5 (HY-D0821) derivative contains a tetrazine moiety. Cyanine5.5 tetrazine can be used for in vivo imaging and low background applications. Cy5-tetrazine is a click chemistry reagent, it contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (iEDDA) with molecules containing TCO groups^[1].

REFERENCES

[1]. Annika Borrmann, et al. Genetic encoding of a bicyclo[6.1.0]nonyne-charged amino acid enables fast cellular protein imaging by metal-free ligation. Chembiochem. 2012 Sep 24;13(14):2094-9.

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

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