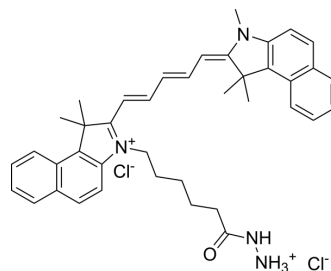


Cyanine5.5 hydrazide dichloride

Cat. No.:	HY-D1324
Molecular Formula:	C ₄₀ H ₄₆ Cl ₂ N ₄ O
Molecular Weight:	669.73
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyanine5.5 hydrazide, an analog of Cyanine5.5 fluorophore, is a near-infrared (NIR) fluorescent dye. Cyanine5.5 hydrazide is used for labeling of biomolecules through the condensation between the hydrazide groups and the carbonyl groups. ($\lambda_{\text{ex}} = 684 \text{ nm}$, $\lambda_{\text{em}} = 710 \text{ nm}$)^[1].

REFERENCES

[1]. Geng H, et, al. Hollow mesoporous silica as a high drug loading carrier for regulation insoluble drug release. Int J Pharm. 2016 Aug 20;510(1):184-94.

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

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