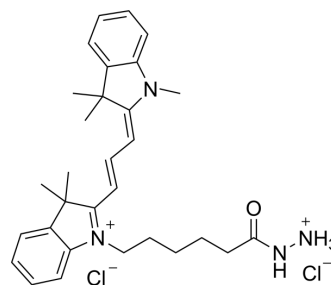


Cyanine3 hydrazide dichloride

Cat. No.:	HY-D1619
CAS No.:	2695564-68-0
Molecular Formula:	C ₃₀ H ₄₀ Cl ₂ N ₄ O
Molecular Weight:	543.57
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyanine3 hydrazide dichloride is a carbonyl reactive dye. Cyanine3 hydrazide dichloride allows the labelling of various carbonyl-containing molecules such as antibodies and other glycoproteins after oxidation by periodate, proteins or reducing sugars after oxidative stress or deamination^[1].

REFERENCES

[1]. Ting-Yi Wang, et al. Collagen-Targeted Theranostic Nanosponges for Delivery of the Matrix Metalloproteinase 14 Inhibitor Naphthofluorescein. *Chem. Mater.* 2020, 32, 9, 3707–3714

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

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