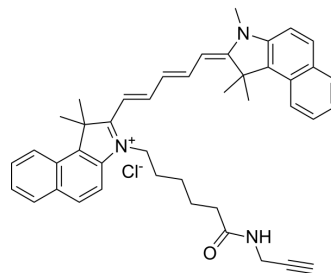


Cyanine5.5 alkyne chloride

Cat. No.:	HY-D1325
CAS No.:	1628790-37-3
Molecular Formula:	C ₄₃ H ₄₆ ClN ₃ O
Molecular Weight:	656.3
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyanine5.5 alkyne chloride, a near-infrared (NIR) fluorescent dye, is an alkyne modified Cyanine5.5 (Ex=680 nm, Em=710 nm). Cyanine5.5 alkyne chloride can react with azides for Click Chemistry labeling^[1].

REFERENCES

[1]. Zhenyu Duan, et al. Stimuli-Sensitive Biodegradable and Amphiphilic Block Copolymer-Gemcitabine Conjugates Self-Assemble into a Nanoscale Vehicle for Cancer Therapy. ACS Appl Mater Interfaces. 2017 Feb 1;9(4):3474-3486.

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

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