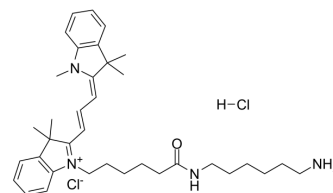


Cyanine3 amine hydrochloride

Cat. No.:	HY-D1372
CAS No.:	2247688-56-6
Molecular Formula:	C ₃₆ H ₅₂ Cl ₂ N ₄ O
Molecular Weight:	627.73
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyanine3 amine hydrochloride, an analog of Cyanine3 amine, is a potent green fluorescent dye. Cyanine3 amine hydrochloride has the primary amine group and is covalently coupled with reactive groups such as NHS esters, carboxy groups (after carbodiimide activation), and epoxides. (λ_{ex} =555 nm, λ_{em} =570 nm)^[1].

REFERENCES

[1]. Zhang C, et, al. Influence of size, crosslinking degree and surface structure of poly(N-vinylcaprolactam)-based microgels on their penetration into multicellular tumor spheroids. *Biomater Sci.* 2019 Nov 1;7(11):4738-4747.

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

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