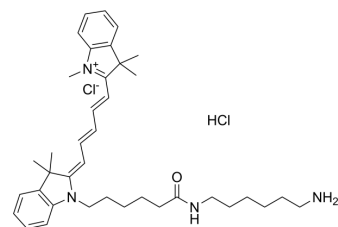


Cy 5 amine

Cat. No.:	HY-D1321
CAS No.:	1807529-70-9
Molecular Formula:	C ₃₈ H ₅₄ Cl ₂ N ₄ O
Molecular Weight:	653.77
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyanine5 amine hydrochloride is a potent fluorescent dye. Cyanine5 amine hydrochloride can be reacted with terminal alkynes via a copper-catalyzed click reaction (CuAAC). ($\lambda_{\text{ex}}=646 \text{ nm}$, $\lambda_{\text{em}}=662 \text{ nm}$)^[1].

REFERENCES

[1]. Huppelschoten Y, et, al. Total Chemical Synthesis of a Functionalized GFP Nanobody. Chembiochem. 2022 Aug 3:e202200304.

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

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