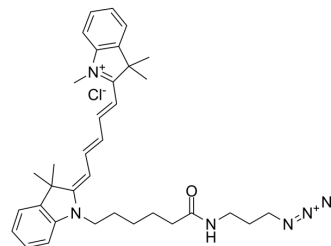


Cyanine5 azide chloride

Cat. No.:	HY-D1320
CAS No.:	1267539-32-1
Molecular Formula:	C ₃₅ H ₄₅ ClN ₆ O
Molecular Weight:	601.22
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

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