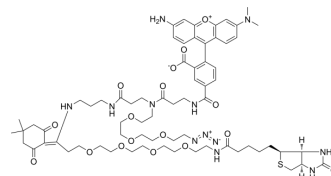


Biotin-PEG4-Dde-TAMRA-PEG3-Azide

Cat. No.:	HY-141091
CAS No.:	2353409-56-8
Molecular Formula:	C ₆₉ H ₉₆ N ₁₂ O ₁₇ S
Molecular Weight:	1397.64
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Biotin-PEG4-Dde-TAMRA-PEG3-Azide is a dye derivative of TAMRA (HY-135640) modified with a cleavable biotin group. Biotin-PEG4-Dde-TAMRA-PEG3-Azide contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.
IC₅₀ & Target	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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