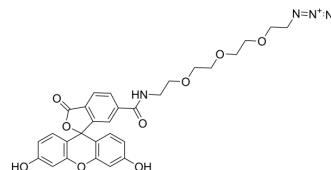


6-FAM-PEG3-Azide

Cat. No.:	HY-135835
CAS No.:	412319-45-0
Molecular Formula:	C ₂₉ H ₂₈ N ₄ O ₉
Molecular Weight:	576.55
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

6-FAM-PEG3-Azide is a fluorescent dye that can be used to label oligonucleotide^[1]. 6-FAM-PEG3-Azide is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

REFERENCES

[1]. Aaron Siewert, et al. Nucleotide analogs as rigid spin labels for DNA and RNA. 2021.

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

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