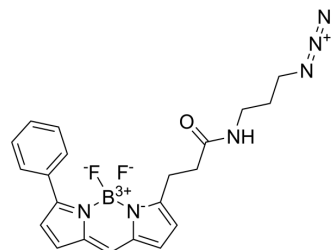


BDP R6G azide

Cat. No.:	HY-D1330
CAS No.:	2183473-23-4
Molecular Formula:	C ₂₁ H ₂₁ BF ₂ N ₆ O
Molecular Weight:	422.24
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BDP R6G azide is an analog of BDP dye. BDP R6G azide is available that are tuned to match excitation and emission channels of classical xanthene and cyanine dyes. BDP R6G azide can be used in copper-catalyzed Click chemistry reactions with alkynes, DBCO and BCN. ($\lambda_{ex}=530$ nm, $\lambda_{em}=548$ nm)^[1].

REFERENCES

[1]. Yu P, et, al. Fluorescent labeling of s2T-incorporated DNA and m5s2U-modified RNA. Nucleosides Nucleotides Nucleic Acids. 2021;40(7):754-766.

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

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