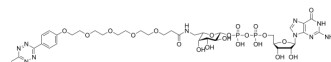


GDP-Fucose-Tz

Cat. No.:	HY-160258
CAS No.:	2762518-76-1
Molecular Formula:	C ₃₆ H ₅₂ N ₁₀ O ₂₁ P ₂
Molecular Weight:	1022.8
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

GDP-Fucose-Tz (GDP-Fucose-Am-Tz) is a click chemistry reagent, it contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing TCO groups. GDP-fucose-Am-Tz and TCO-ssDNA were reacted at a ratio of 1:1 to obtain the final product GDP-fucose-ssDNA^[1].

REFERENCES

[1]. Yu W, et al. Chemoenzymatic Measurement of LacNAc in Single-Cell Multiomics Reveals It as a Cell-Surface Indicator of Glycolytic Activity of CD8+ T Cells. *J Am Chem Soc.* 2023 Jun 14;145(23):12701-12716.

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

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