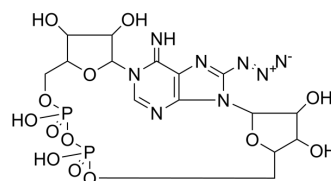


8-Azido-cADPR

Cat. No.:	HY-147150
CAS No.:	150424-94-5
Molecular Formula:	C ₁₅ H ₂₀ N ₈ O ₁₃ P ₂
Molecular Weight:	582.31
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

8-Azido-cADPR, with its photoactive azido group, is a potent photoaffinity probe. 8-Azido-cADPR can be used for the identification and characterization of cADPR-binding proteins^[1]. 8-Azido-cADPR is a click chemistry reagent, it 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.

REFERENCES

[1]. Walseth TF, et al. Preparation of cyclic ADP-ribose antagonists and caged cyclic ADP-ribose. Methods Enzymol. 1997;280:294-305.

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

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