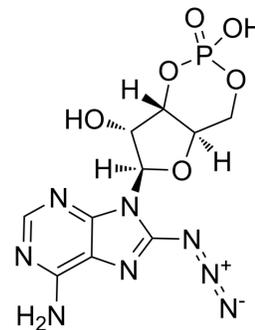


8-Azido-cAMP

Cat. No.:	HY-134321
CAS No.:	31966-52-6
Molecular Formula:	C ₁₀ H ₁₁ N ₈ O ₆ P
Molecular Weight:	370.22
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

8-Azido-cAMP is a fluorescent cAMP analog, acting as the model target of detecting cAMP^[1]. 8-Azido-cAMP 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]. Ito K, et al. Direct light-up of cAMP derivatives in living cells by click reactions. *Molecules*. 2013 Oct 17;18(10):12909-15

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

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