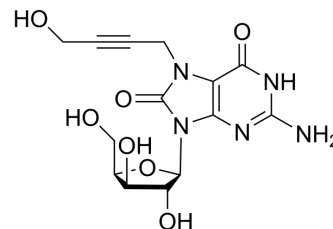


TLR7 agonist 9

Cat. No.:	HY-152726
CAS No.:	2389988-38-7
Molecular Formula:	C ₁₄ H ₁₇ N ₅ O ₇
Molecular Weight:	367.31
Target:	Toll-like Receptor (TLR); Nucleoside Antimetabolite/Analog
Pathway:	Immunology/Inflammation; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TLR7 agonist 9 (compound 10) is an agonist of TLR7. TLR7 agonist 9 can be used for research of cancer and infectious disease [1]. TLR7 agonist 9 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC ₅₀ & Target	TLR7

REFERENCES

- [1]. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.
- [2]. Webber Stephen E, et al. TLR7 agonists for treatment of cancer and infectious disease. World Intellectual Property Organization, WO2019226977 A1. 2019-11-28.

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

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