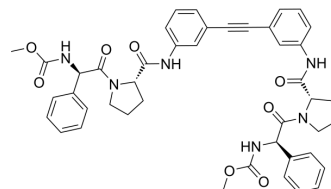


NS5A-IN-3

Cat. No.:	HY-115982
CAS No.:	2764786-56-1
Molecular Formula:	C ₄₄ H ₄₄ N ₆ O ₈
Molecular Weight:	784.86
Target:	HCV Protease
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NS5A-IN-3 (Compound 15) is a potent inhibitor of NS5A. NS5A-IN-3 has extremely high potency against HCV genotype 1b, improved activity against genotype 3a (GT 3a) and good metabolic stability. NS5A-IN-3 exhibits a higher resistance barrier than daclatasvir against genotype 1b^[1]. NS5A-IN-3 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Abdallah M, et al. Redesigning of the cap conformation and symmetry of the diphenylethyne core to yield highly potent pan-genotypic NS5A inhibitors with high potency and high resistance barrier. *Eur J Med Chem.* 2022;229:114034.

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

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