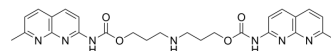


Naphthyridine carbamate dimer

Cat. No.:	HY-153804
CAS No.:	864627-58-7
Molecular Formula:	C ₂₆ H ₂₉ N ₇ O ₄
Molecular Weight:	503.55
Target:	Molecular Glues
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Naphthyridine carbamate dimer (NCD) is a DNA molecular glue that induces designed structural changes in target functional DNA to modulate function^[1].

REFERENCES

[1]. Yamada T, et, al. NMR determination of the 2:1 binding complex of naphthyridine carbamate dimer (NCD) and CGG/CGG triad in double-stranded DNA. *Nucleic Acids Res.* 2022 Sep 23;50(17):9621-9631.

[2]. Simeth NA, et, al. Rational design of a photoswitchable DNA glue enabling high regulatory function and supramolecular chirality transfer. *Chem Sci.* 2021 May 27;12(26):9207-9220.

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

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