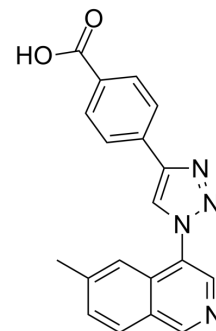


LANA-DNA-IN-1

| | |
|---------------------------|---|
| Cat. No.: | HY-151380 |
| CAS No.: | 2512847-06-0 |
| Molecular Formula: | C ₁₉ H ₁₄ N ₄ O ₂ |
| Molecular Weight: | 330.34 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------------------------------|--|
| Description | LANA-DNA-IN-1 is a potent LANA-DNA inhibitor. LANA-DNA-IN-1 has inhibition activity for LBS2, LBS1 and LBS3 with IC ₅₀ values of 8 μM, 9μM and 8μM. LANA-DNA-IN-1 shows against wild-type LANA with IC ₅₀ value of 53 μM. LANA-DNA-IN-1 can be used for the research of infection ^[1] . |
| IC₅₀ & Target | IC ₅₀ : 8 μM (LBS2); 9μM LBS1); 8 μM (LBS3); 53 μM (wild-type LANA) ^[1] |
| In Vitro | LANA-DNA-IN-1 has inhibition activity for LBS2, LBS1 and LBS3 with IC ₅₀ values of 8 μM, 9μM and 8μM in FP Assay ^[1] . LANA-DNA-IN-1 has potent LANA-LBS1-inhibitory with an IC ₅₀ values of 53 μM ^[1] . LANA-DNA-IN-1 (31.25, 62.5, 125 and 250 μM) has potent against wild-type LANA CTD and the oligomerization-deficient LANA DBD mutant ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Philine Kirsch, et al. Hit-to-lead optimization of a latency-associated nuclear antigen inhibitor against Kaposi's sarcoma-associated herpesvirus infections. *Eur J Med Chem.* 2020 Sep 15;202:112525

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

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