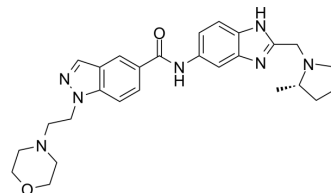


Eleven-Nineteen-Leukemia Protein IN-1

Cat. No.:	HY-152469
CAS No.:	2894121-68-5
Molecular Formula:	C ₂₇ H ₃₃ N ₇ O ₂
Molecular Weight:	487.6
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Eleven-Nineteen-Leukemia Protein IN-1 is an inhibitor of ENL YEATS domain with an IC ₅₀ value of 14.5 nM. Eleven-Nineteen-Leukemia Protein IN-1 interacts with ENL protein and enhances the thermal stability of ENL protein in vitro ^[1] .
IC ₅₀ & Target	Eleven-Nineteen-Leukemia YEATS domain 14.5 nM (IC ₅₀)
In Vitro	Eleven-Nineteen-Leukemia Protein IN-1 (compound 13) has inhibition on MOLM-13 cells and MV4-11 cells with IC ₅₀ values of 39.6 μM, 45.1 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Guo S, et al. Design, synthesis of novel benzimidazole derivatives as ENL inhibitors suppressing leukemia cells viability via downregulating the expression of MYC. Eur J Med Chem. 2023 Feb 15;248:115093.

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

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