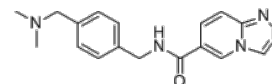


Product Name : ENL YEATS Domain inhibitor 7
Cat. No. : PC-72712
CAS No. : 2803461-76-7
Molecular Formula : C₁₇H₁₉N₅O
Molecular Weight : 309.373
Target : Histone Acetyltransferase (HAT)
Solubility : 10 mM in DMSO



Biological Activity

ENL YEATS Domain inhibitor 7 is a selective, small molecule inhibitor of **ENL YEATS Domain** with IC₅₀ of 0.62 μ M in inhibiting the ENL-acetyl-H3 interaction.

ENL YEATS Domain inhibitor 7 displayed strong selectivity toward the ENL YEATS domain over all other human YEATS domains.

ENL YEATS Domain inhibitor 7 exhibited on-target inhibition of ENL in cultured cells and a synergistic effect with the bromodomain and extraterminal domain inhibitor JQ1 in killing leukemia cells.

References

Xinyu R Ma, et al. *J Med Chem*. 2021 Aug 12;64(15):10997-11013.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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