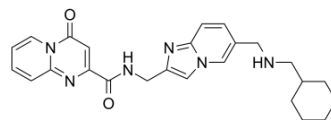


STM2457

Cat. No.:	HY-134836
CAS No.:	2499663-01-1
Molecular Formula:	C ₂₅ H ₂₈ N ₆ O ₂
Molecular Weight:	444.53
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	STM2457 is a first-in-class, highly potent, selective and orally active METTL3 inhibitor. STM2457 can be used for the research of acute myeloid leukaemia (AML) ^{[1][2]} .
In Vitro	STM2457 (Compound 72) inhibits MOLM13 cells proliferation with an IC ₅₀ of 8.699 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wesley Peter Blackaby, et al. Mettl3 inhibitory compounds. WO2020201773A1.

[2]. Eliza Yankova, et al. Small molecule inhibition of METTL3 as a strategy against myeloid leukaemia. Nature. 2021 Apr 26.

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