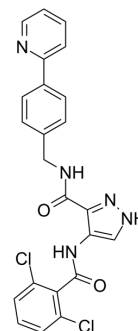


Cyclin K degrader 1

Cat. No.:	HY-161168
Molecular Formula:	C ₂₃ H ₁₇ Cl ₂ N ₅ O ₂
Molecular Weight:	466.32
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cyclin K degrader 1 (compound 40) is an AT7519 (HY-50940) based Cyclin K degrader with DC ₅₀ of 21 nM ^[1] .
In Vitro	Cyclin K degrader 1 (1 μM, 2 h) degrades Cyclin K with presence of DDB-1 ^[1] . Cyclin K degrader 1 (1 μM, 2 h) degrades 99 ± 1 % Cyclin K, with DC ₅₀ of 21 nM, D _{max} >95% and CDK12 K _d of 1000 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Thomas KL, et al., Degradation by Design: New Cyclin K Degraders from Old CDK Inhibitors. ACS Chem Biol. 2024 Jan 19;19(1):173-184. doi: 10.1021/acscchembio.3c00616

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

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