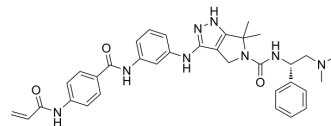


YKL-1-116

Cat. No.:	HY-116871
CAS No.:	1957202-71-9
Molecular Formula:	C ₃₄ H ₃₈ N ₈ O ₃
Molecular Weight:	606.72
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	YKL-1-116 is a selective and covalent inhibitor of Cdk7. YKL-1-116 does not target Cdk9, Cdk12, or Cdk13. YKL-1-116 is more potent than THZ1 (HY-80013) toward both Cdk7 ^{WT} and Cdk7 ^{as} , although Cdk7 ^{as} is relatively resistant to this compound as well ^[1] .
IC ₅₀ & Target	CDK7

REFERENCES

[1]. Kalan S, et al. Activation of the p53 Transcriptional Program Sensitizes Cancer Cells to Cdk7 Inhibitors. Cell Rep. 2017 Oct 10;21(2):467-481.

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

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