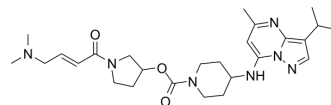


CDK7-IN-4

Cat. No.:	HY-139342
CAS No.:	2326428-25-3
Molecular Formula:	C ₂₆ H ₃₉ N ₇ O ₃
Molecular Weight:	497.63
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CDK7-IN-4 (compound I) is a potent CDK7 (Cyclin-dependent kinase 7) inhibitor. CDK7-IN-4 shows anticancer activity. CDK7-IN-4 inhibits the in vitro growth of cancer cell lines from a variety of histologies including colon , breast , lung , ovary and stomach , in a dose dependent manner ^[1] .
IC ₅₀ & Target	CDK7
In Vitro	CDK7-IN-4 (compound I) exhibits significant inhibitory activity against NCI-H446, SNU-16, HCC1806, A2780, MCF7, HCT116, and NCI-H460 cells, with IC ₅₀ values of 0.01419, 0.02312, 0.02553, 0.02651, 0.03201, 0.04601, and 0.0479, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. David Andrew Coates, et al. Compounds useful for inhibiting cdk7. US20190144456A1.

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

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