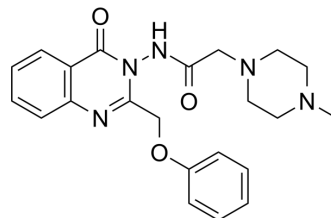


CDK2-IN-8

Cat. No.:	HY-144810
CAS No.:	2919216-36-5
Molecular Formula:	C ₂₂ H ₂₅ N ₅ O ₃
Molecular Weight:	407.47
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CDK2-IN-8 is a potent CDK2 inhibitor with an IC ₅₀ of 1.74 μM. CDK2-IN-8 shows antiproliferative activity. CDK2-IN-8 has the potential for the research of melanoma ^[1] .
IC ₅₀ & Target	CDK2 1.74 μM (IC ₅₀)
In Vitro	CDK2-IN-8 (compound 8a) shows antiproliferative activity with IC ₅₀ s of 6.22, 37.24 μM for MDA-MB-435, WI-38 cells, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mohammed ER, et al. Development of newly synthesised quinazolinone-based CDK2 inhibitors with potent efficacy against melanoma. J Enzyme Inhib Med Chem. 2022 Dec;37(1):686-700.

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

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