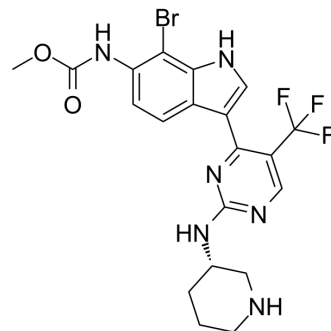


CDK7-IN-7

Cat. No.:	HY-145402
CAS No.:	2640208-01-9
Molecular Formula:	C ₂₀ H ₂₀ BrF ₃ N ₆ O ₂
Molecular Weight:	513.31
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-7 is a potent and selective CDK7 kinase inhibitor with an IC ₅₀ of <50 nM (Patent CN112661745A, compound T-01) ^[1] .
IC ₅₀ & Target	CDK7 <50 nM (IC ₅₀)
In Vitro	CDK7-IN-7 shows inhibitory against MDA-MB 231, MDA-MB453, OVCAR3, A2780, HCT-116, WiDr and Calu-6 cells (IC ₅₀ ranging from 12.21 to 144.9 nM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Compounds useful as CDK7 kinase inhibitors and uses thereof. CN112661745A.

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

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