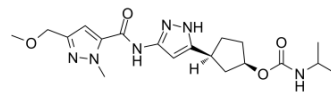


PF-07104091

Cat. No.:	HY-137894
CAS No.:	2460249-19-6
Molecular Formula:	C ₁₉ H ₂₈ N ₆ O ₄
Molecular Weight:	404.46
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PF-07104091 is a selective CDK2 inhibitor, with a K _i of 1.16 nM for CDK2/cyclin E ₁ . PF-07104091 has anti-tumor activity for cyclinE-amplified cancers ^[1] .
IC ₅₀ & Target	CDK2/cyclin E1 1.16 nM (K _i)
In Vitro	PF-07104091 (Example 13) is a CDK2-selective inhibitor, with 100-fold selectivity against CDK1, 200 to 400-fold selectivity against CDK4 and CDK6, 170-fold selectivity against CDK9, and greater than 500-fold selectivity against GSK3B ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Douglas Carl BEHENNA, et al. Cdk2 inhibitors. WO2020157652A2.

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