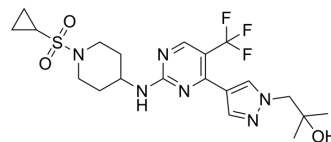


CDK2-IN-23

Cat. No.:	HY-162255
CAS No.:	2488073-20-5
Molecular Formula:	C ₂₀ H ₂₇ F ₃ N ₆ O ₃ S
Molecular Weight:	489
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-23 (Compound 17) is a kinase selective and highly potent CDK2 inhibitor (IC₅₀ = 0.29 nM). CDK2-IN-23 shows the pharmacodynamic inhibition of CDK2 in CCNE1-amplified mouse models. CDK2-IN-23 can be used for the research of cancer [1].

REFERENCES

[1]. Hummel JR, et al. Discovery of (4-Pyrazolyl)-2-aminopyrimidines as Potent and Selective Inhibitors of Cyclin-Dependent Kinase 2. *J Med Chem.* 2024 Feb 22;67(4):3112-3126.

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

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