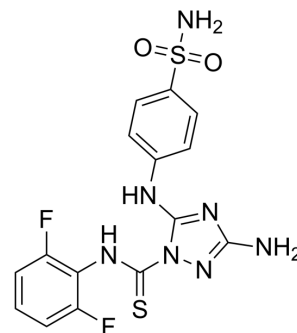


Cdk1/2 Inhibitor III

Cat. No.:	HY-112462
CAS No.:	443798-55-8
Molecular Formula:	C ₁₅ H ₁₃ F ₂ N ₇ O ₂ S ₂
Molecular Weight:	425.44
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cdk1/2 Inhibitor III is a selective Cdk1/2 inhibitor, with an IC ₅₀ of 2.1 μM for CDK1/cyclin B ^[1] .
IC ₅₀ & Target	Cdk1/cyclin B 2.1 μM (IC ₅₀)
In Vitro	Cdk1/2 Inhibitor III has weak CDK1 and cellular antiproliferative potencies ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lin R, et al. Acyl-1H-[1,2,4]triazole-3,5-diamine analogues as novel and potent anticancer cyclin-dependent kinase inhibitors: synthesis and evaluation of biological activities. J Med Chem. 2005 Jun 30;48(13):4208-11.

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

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