



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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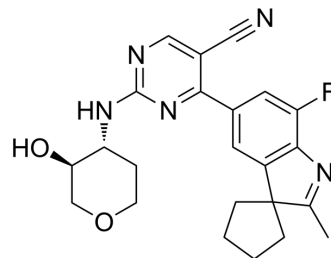
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CDK4/6-IN-20

Cat. No.:	HY-162530
CAS No.:	3033950-84-1
Molecular Formula:	C ₂₃ H ₂₄ FN ₅ O ₂
Molecular Weight:	421.47
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CDK4/6-IN-20 (Compound II-5) is a CDK4/CDK6 inhibitor with IC ₅₀ values of 1.9, 14.2 nM, respectively. CDK4/6-IN-20 also inhibits cell proliferation and can be used in cancer research ^[1] .	
IC₅₀ & Target	CDK4 1.9 nM (IC ₅₀)	CDK6 14.2 nM (IC ₅₀)
In Vitro	CDK4/6-IN-20 inhibits the proliferation of MCF7 and T47D cells with IC ₅₀ values of 169 and 92 nM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. HU, Pu, et al. 2-aminopyrimidine compound, and use and pharmaceutical composition thereof. WO2024066986A1.

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

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