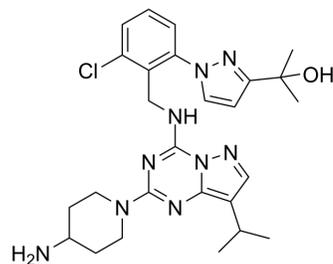


## CDK7-IN-6

Cat. No.:	HY-145394
CAS No.:	2378710-04-2
Molecular Formula:	C <sub>26</sub> H <sub>34</sub> ClN <sub>9</sub> O
Molecular Weight:	524.06
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	CDK7-IN-6 is a potent and selective cyclin-dependent kinase (CDK7) inhibitor (IC <sub>50</sub> ≤ 100 nM), extracted from patent WO2019197549 A1, compound 210. CDK7-IN-6 is > 200-fold selective for CDK7 over CDK1, CDK2, and CDK5. CDK7-IN-6 can be used for the research of cancer <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	CDK7 ≤ 100 nM (IC <sub>50</sub> )
<b>In Vitro</b>	CDK7-IN-6 inhibits the viability of HCT116, H460, MV4-11, A2780, and OVCAR cells (IC <sub>50</sub> ≤ 1 μM) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Kiyean NAM, et al. Preparation of pyrazolotriazine and/or pyrazolopyrimidine derivatives as selective inhibitor of cyclin dependent kinase. WO2019197549 A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA