Product Data Sheet

CDK4/6-IN-5

Molecular Weight: 527.01
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-5 is a potent CDK4 and CDK6 inhibitor with K_i s of 0.2 and 4.4 nM for CDK4/Cyclin D1 and CDK6/Cyclin D3, respectively ^[1] . (from patent WO2019207463A1 example A93).
In Vitro	The CDK4 and CDK6 cell-based IC $_{50}$ s of CDK4/6-IN-5 in JEKO-1 and MV4-11 cells are 23.8 and 61.4 nM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ping Chen, et al. 2-amino-pyridine or 2-amino-pyrimidine derivatives as cyclin dependent kinase inhibitors. WO2019207463A1.

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

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