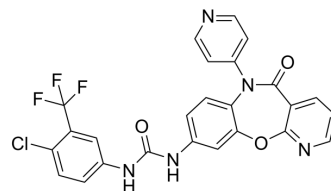


CDK8-IN-10

Cat. No.:	HY-151371
CAS No.:	2457317-40-5
Molecular Formula:	C ₂₅ H ₁₅ ClF ₃ N ₅ O ₃
Molecular Weight:	525.87
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CDK8-IN-10 (compound 2) is a potent, selective cyclin-dependent kinase (CDK8) inhibitor with an IC ₅₀ value of 8.25 nM. CDK8-IN-10 can be used for research of cancer ^[1] .
IC₅₀ & Target	CDK8 8.25 nM (IC ₅₀)
In Vitro	CDK8-IN-10 (compound 2; 8 h; SW620 cells) reduces phosphorylation of CDK8 substrate STAT1 in cells with an IC ₅₀ value of 1.3 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Martínez-González S, et, al. Pyrido[2,3-b][1,5]benzoxazepin-5(6H)-one derivatives as CDK8 inhibitors. Eur J Med Chem. 2020 Sep 1;201:112443.

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