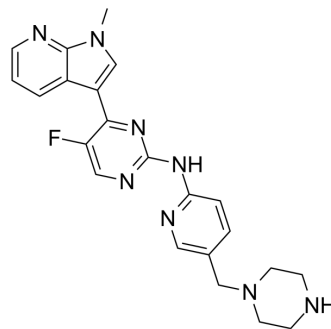


CDK4/6-IN-9

Cat. No.:	HY-115992
CAS No.:	2688098-02-2
Molecular Formula:	C ₂₂ H ₂₃ FN ₈
Molecular Weight:	418.47
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-9 (compound 10) is a selective CDK4/6 inhibitor with an IC ₅₀ of 905 nM for CDK6/cyclin D1. CDK4/6-IN-9 has the potential for multiple myeloma (MM) research ^[1] .	
IC₅₀ & Target	CDK6/cyclinD1 905 nM (IC ₅₀)	CDK4/cyclinD1

REFERENCES

[1]. Kai Yuan, et al. Discovery of novel and orally bioavailable CDK 4/6 inhibitors with high kinome selectivity, low toxicity and long-acting stability for the treatment of multiple myeloma. *Eur J Med Chem.* 2022 Jan 15;228:114024.

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