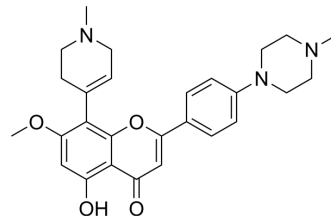


CDK9-IN-24

Cat. No.:	HY-155153
Molecular Formula:	C ₂₇ H ₃₁ N ₃ O ₄
Molecular Weight:	461.55
Target:	Apoptosis; CDK
Pathway:	Apoptosis; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CDK9-IN-24 (compound 21a) is a highly selective CDK9 inhibitor with significant inhibitory effect on tumor growth. CDK9-IN-24 effectively blocks cell proliferation and induces apoptosis by downregulating Mcl-1 and c-Myc, and can be used in acute myeloid leukemia research ^[1] .
IC ₅₀ & Target	CDK9

REFERENCES

[1]. Wu T, et al. Design and optimization of selective and potent CDK9 inhibitors with flavonoid scaffold for the treatment of acute myeloid leukemia. *Eur J Med Chem.* 2023 Nov 5;259:115711.

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