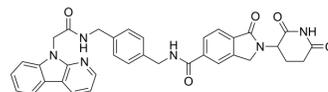


c-Myc inhibitor 7

Cat. No.:	HY-148837
CAS No.:	2883535-99-5
Molecular Formula:	C ₃₅ H ₃₀ N ₆ O ₅
Molecular Weight:	614.65
Target:	c-Myc; Casein Kinase
Pathway:	Apoptosis; Cell Cycle/DNA Damage; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	c-Myc inhibitor 7 is a c-Myc inhibitor and a multiple target protein degrader. c-Myc inhibitor 7 effectively degrades c-MYC, CK1 α , GSPT1 and IKZF1/2/3 proteins in a variety of tumor cells. c-Myc inhibitor 7 can be used for c-Myc high expression related disease research, such as cancer, cardiovascular and cerebrovascular diseases, and viral infection ^[1] .
In Vitro	c-Myc inhibitor 7 (0-10 mM; 3 days) inhibits cell proliferation of HL60 cells with an IC ₅₀ value of 0.5 nM ^[1] . c-Myc inhibitor 7 promotes 60-90% cell protein degradation of HL60 cells ^[1] . c-Myc inhibitor 7 (1, 3, 10 and 100 nM; 24 hours) degrades c-Myc, CK1 α , GSPT1, IKZF1, IKZF2 and IKZF3 proteins in multi-cell lines ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. TONG YOUZHI, et al. 2,6-Dioxopiperidine compounds as c-Myc inhibitors and their preparation, pharmaceutical compositions and use in the treatment of diseases. WO2022268066. 2022.

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