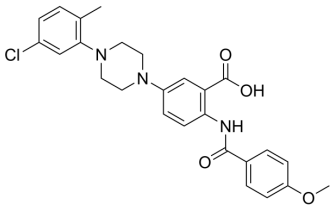
FUBP1-IN-2

Cat. No.:	HY-151884
CAS No.:	1242862-71-0
Molecular Formula:	$C_{26}H_{26}ClN_3O_4$
Molecular Weight:	479.96
Target:	c-Myc
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FUBP1-IN-2 (compound 9) is a potent FUBP1 (far upstream binding protein 1) inhibitor. FUBP1-IN-2 inhibits the KH4 FUBP1-FUSE interaction in a gel shift assay. FUBP1-IN-2 binds to FUBP1 in a ChIP assay. FUBP1-IN-2 reduces both c-Myc mRNA and protein expression, increases p21 mRNA and protein expression, and depletes intracellular polyamines[1].
In Vitro	FUBP1-IN-2 (compound 9) does not inhibit 3 H-spermidine uptake yet works synergistically with Eflornithine (HY-B0744) to limit cell growth in the presence of exogenous spermidine[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Dobrovolskaite A, et al. Discovery of Anthranilic Acid Derivatives as Difluoromethylornithine Adjunct Agents That Inhibit Far Upstream Element Binding Protein 1 (FUBP1) Function. J Med Chem. 2022 Nov 24;65(22):15391-15415.

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