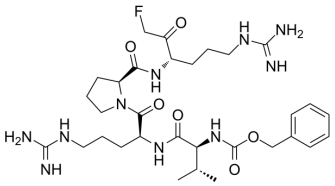
Z-VRPR-FMK

Cat. No.:	HY-120231
CAS No.:	1381885-28-4
Molecular Formula:	$C_{31}H_{49}FN_{10}O_6$
Molecular Weight:	676.78
Target:	MALT1
Pathway:	Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Z-VRPR-FMK is an irreversible MALT1 protein inhibitor. Z-VRPR-FMK inhibits the growth and invasion of diffuse large B-cell lymphoma by inhibiting MALT1-induced NF-κB activation and MMP expression[1].
In Vitro	Z-VRPR-FMK (50 μM, 24 h) can effectively reduce the level of c-REL in the nucleus of HBL-1 cells and inhibit the signal transduction of NF-κB[2]. Z-VRPR-FMK (50 μM, 48 h) can inhibit the proliferation of ABC-DLBCL cell lines HBL-1, TMD8, OCI-Ly3 and OCI-Ly10[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jianglong Feng, et al. Z-VRPR-FMK can inhibit the growth and invasiveness of diffuse large B-cell lymphoma by depressing NF-κB activation and MMP expression induced by MALT1. Int J Clin Exp Pathol. 2019 Jun 1;12(6):1947-1955.

[2]. Lorena Fontan, et al. MALT1 small molecule inhibitors specifically suppress ABC-DLBCL in vitro and in vivo. Cancer Cell. 2012 Dec 11;22(6):812-24.

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