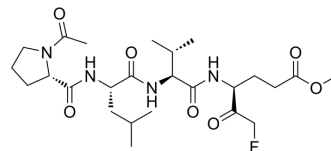


Ac-PLVE-FMK

Cat. No.:	HY-153613		
CAS No.:	2679825-26-2		
Molecular Formula:	C ₂₅ H ₄₁ FN ₄ O ₇		
Molecular Weight:	528.61		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Ac-PLVE-FMK (Ac-Pro-Leu-Val-Glu(OMe)-CH ₂ F), a tetrapeptidyl m-FMKs, is a Cats inhibitor. Ac-PLVE-FMK can be used for the research of cancer ^[1] .
In Vitro	Ac-PLVE-FMK can efficiently inhibit the activity of Cat-B and Cat-L in the target-based assay (human recombinant enzymes) [1]. Ac-PLVE-FMK can penetrate the cell membrane in the cell-based assay on two human renal cancer cell lines (769-P and A498) [1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Citarella A, et al. Peptidyl Fluoromethyl Ketones and Their Applications in Medicinal Chemistry. *Molecules*. 2020;25(17):4031. Published 2020 Sep 3.

Caution: Product has not been fully validated for medical applications. For research use only.

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