

CKLF1-C27 TFA

Cat. No.:	HY-P3418A
Molecular Formula:	C ₁₅₃ H ₂₄₄ F ₃ N ₃₉ O ₃₉
Molecular Weight:	3310.8
Sequence Shortening:	ALIYRKLLFNPSGPGYQKKPVHEKKEVL
Target:	CCR; ERK
Pathway:	GPCR/G Protein; Immunology/Inflammation; MAPK/ERK Pathway; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	CKLF1-C27, a C-terminal peptide of CKLF1, binds to CCR4 receptor and activates ERK1/2 pathway. CKLF1-C27 can abrogate the effect of CKLF1 on cells by competing for CCR4 receptor. CKLF1-C27 shows great effect on promoting proliferation on HUVECs. CKLF1-C27 has the potential for psoriasis research ^[1] .		
IC ₅₀ & Target	CCR4	ERK1	ERK2

REFERENCES

[1]. Yaqi Tan, et al. Chemokine-like factor 1-derived C-terminal peptides induce the proliferation of dermal microvascular endothelial cells in psoriasis. PLoS One. 2015 Apr 27;10(4):e0125073.

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

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