

SYNV-cyclo(CGIFY) TFA

Cat. No.:	HY-P4820A
Molecular Formula:	C ₄₈ H ₅₉ F ₃ N ₁₀ O ₁₅ S
Molecular Weight:	1105.1
Sequence:	Ser-Tyr-Asn-Val-cyclo(Cys-Gly-Gly-Tyr-Phe)
Sequence Shortening:	SYNV-cyclo(CGIFY)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Sealed storage, away from moisture and light, under nitrogen
	Powder -80°C 2 years
	-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description	SYNV-cyclo(CGIFY) TFA is a Staphylococcus hominis (S. hominis) C5 autoinducing peptide. SYNV-cyclo(CGIFY) TFA inhibits S. aureus activity. SYNV-cyclo(CGIFY) TFA has the potential for the research of S. aureus-mediated epithelial damage and inflammation ^[1] .
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REFERENCES

[1]. Williams MR, et al. Quorum sensing between bacterial species on the skin protects against epidermal injury in atopic dermatitis. Sci Transl Med. 2019 May 1;11(490):eaat8329.

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

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