

Vasopressin Dimer (anti-parallel) (TFA)

Cat. No.:	HY-P5214
Molecular Formula:	C ₉₄ H ₁₃₁ F ₃ N ₃₀ O ₂₆ S ₄
Molecular Weight:	2282.49
Sequence Shortening:	Chain1: CYFQNCPRG-NH ₂ ;Chain2: CYFQNCPRG-NH ₂ ;Disulfide bonds: 1Cys1-2Cys1, 1Cys6-2Cys6
Target:	Vasopressin Receptor; Oxytocin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Vasopressin Dimer (anti-parallel) TFA is an anti-parallel dimer of Vasopressin (HY-B1811). Vasopressin Dimer (anti-parallel) TFA can activate four G protein-coupled receptors, V1aR, V1bR, V2R, and OTR ^[1] .
IC ₅₀ & Target	V2 Receptor

REFERENCES

[1]. Dekan Z, et al. Nature-inspired dimerization as a strategy to modulate neuropeptide pharmacology exemplified with vasopressin and oxytocin. Chem Sci. 2021 Feb 4;12(11):4057-4062.

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

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