

Vasopressin V2 receptor antagonist 2

Cat. No.:	HY-162394
Molecular Formula:	C ₆₂ H ₉₁ FN ₁₆ O ₁₁
Molecular Weight:	1255.48
Target:	Vasopressin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Vasopressin V2 receptor antagonist 2 (Compound 33) is an antagonist of the arginine vasopressin V ₂ receptor (V ₂ R) with a K _i value of 6.2 nM. Vasopressin V2 receptor antagonist 2 can effectively reduce cAMP levels, thereby inhibiting the growth of renal cysts[1].
IC ₅₀ & Target	Ki: 6.2 nM (V ₂ receptor) ^[1] .

REFERENCES

[1]. Xiong X, et al. Long-Residence Time Peptide Antagonist for the Vasopressin V₂ Receptor to Treat Autosomal Dominant Polycystic Kidney Disease. J Med Chem. 2024;67(7):5935-5944.

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

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