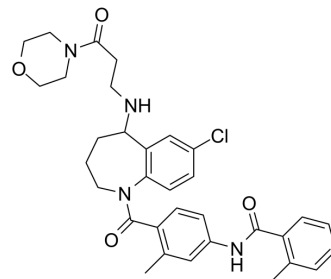


Vasopressin V2 receptor antagonist 1

Cat. No.:	HY-146272
CAS No.:	2648650-50-2
Molecular Formula:	C ₃₃ H ₃₇ ClN ₄ O ₄
Molecular Weight:	589.12
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 1 (Compound 4g) is a vasopressin V ₂ receptor (V ₂ R) antagonist with a K _i of 3.8 nM. Vasopressin V2 receptor antagonist 1 can be used for autosomal dominant polycystic kidney disease (ADPKD) research ^[1] .
IC ₅₀ & Target	K _i : 3.8 nM (vasopressin V ₂ receptor) ^[1]

REFERENCES

[1]. Haoran Zhang, et al. Long Residence Time at the Vasopressin V2 Receptor Translates into Superior Inhibitory Effects in Ex Vivo and In Vivo Models of Autosomal Dominant Polycystic Kidney Disease. J Med Chem. 2022 Apr 1.

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

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