

(d(CH₂)₅,Tyr(Me)₂,Dab₅,Arg₈)-Vasopressin

Cat. No.:	HY-P5006
CAS No.:	176714-12-8
Molecular Formula:	C ₅₂ H ₇₆ N ₁₄ O ₁₁ S ₂
Molecular Weight:	1137.38
Sequence:	{Mpa(Cyclohexyl)}-{Tyr(Me)}-Phe-Gln-{Dab}-Cys-Pro-Arg-Gly-NH ₂ (Disulfide bridge: Mpa1-Cys6)
Sequence Shortening:	{Mpa(Cyclohexyl)}-{Tyr(Me)}-FQ-{Dab}-CPRG-NH ₂ (Disulfide bridge: Mpa1-Cys6)
Target:	Vasopressin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	(d(CH ₂) ₅ ,Tyr(Me) ₂ ,Dab ₅ ,Arg ₈)-Vasopressin (d(CH ₂) ₅ [Tyr(Me) ₂ , Dab ₅]AVP) is a specific antagonist of vasopressin V _{1a} receptor, with a pA ₂ of 6.71 ^[1] .
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REFERENCES

[1]. Chan WY, et, al. Discovery and design of novel and selective vasopressin and oxytocin agonists and antagonists: the role of bioassays. Exp Physiol. 2000 Mar;85 Spec No:7S-18S.

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

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