

[Deamino-4-valine, 8-D-arginine]-Vasopressin

Cat. No.:	HY-P4008
CAS No.:	43157-23-9
Molecular Formula:	C ₄₆ H ₆₅ N ₁₃ O ₁₁ S ₂
Molecular Weight:	1040.22
Sequence:	{Mpa}-Tyr-Phe-Val-Asn-Cys-Pro-Arg-Gly-NH ₂ (Disulfide bridge:Mpa1-Cys6)
Sequence Shortening:	{Mpa}-YFVNCPkG-NH ₂ (Disulfide bridge:Mpa1-Cys6)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	[Deamino-4-valine, 8-D-arginine]-Vasopressin (dVDAVP) is a highly potent and specific antidiuretic agent possessing protracted effects ^{[1][2]} .
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REFERENCES

[1]. M Manning, et al. [1-deaminopenicillamine,4-valine]-8-D-arginine-vasopressin, a highly potent inhibitor of the vasopressor response to arginine-vasopressin. J Med Chem. 1977 Sep;20(9):1228-30.

[2]. M Manning, et al. Solid phase synthesis of (1-deamino,4-valine)-8-D-arginine-vasopressin (DVAVP), a highly potent and specific antidiuretic agent possessing protracted effects. J Med Chem. 1973 Sep;16(9):975-8.

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

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