

[Deamino-Pen1,Val4,D-Arg8]-vasopressin

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| Cat. No.: | HY-P10046 |
| CAS No.: | 64158-84-5 |
| Molecular Formula: | C ₄₈ H ₆₉ N ₁₃ O ₁₁ S ₂ |
| Molecular Weight: | 1068.27 |
| Sequence: | {Mpa}-Tyr-Phe-Val-Asn-Cys-Pro-[d-Arg]-Gly-NH ₂ (Disulfide bridge: Mpa1-Cys6) |
| Sequence Shortening: | {Mpa}-YFVNCP-[d-Arg]-G-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

[Deamino-Pen1,Val4,D-Arg8]-vasopressin (AVP-A) is an arginine-vasopressin (AVP) antagonist. AVP-A can significantly lower plasma aldosterone concentration in rats. AVP-A can be used for the research of the growth and steroidogenic capacity of rat adrenal zona glomerulosa^[1].

REFERENCES

[1]. Mazzocchi G, et al. Evidence that endogenous arginine-vasopressin (AVP) is involved in the maintenance of the growth and steroidogenic capacity of rat adrenal zona glomerulosa. *J Steroid Biochem Mol Biol.* 1993 Apr;45(4):251-6.

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

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