

[Asu1,6-Arg8]Vasopressin

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| Cat. No.: | HY-P4012 |
| CAS No.: | 40944-53-4 |
| Molecular Formula: | C ₄₈ H ₆₈ N ₁₄ O ₁₂ |
| Molecular Weight: | 1033.14 |
| Sequence Shortening: | YFQN-Asu-PRG-NH2 (Lactam:Tyr1-Asu5) |
| Target: | Vasopressin Receptor |
| Pathway: | GPCR/G Protein |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

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| Description | [Asu1,6-Arg8]Vasopressin is an vasopressin agonist which potentiates cyclic AMP accumulation and ACTH release induced by corticotropin-releasing factor (CRF) in rat anterior pituitary cells in culture ^{[1][2]} . |
| In Vitro | [Asu1,6-Arg8]Vasopressin (100 nM; 0-240 min) causes a 2-fold increase in the stimulatory effect of CRF on ACTH release and cyclic AMP accumulation in rat anterior pituitary cells in culture. [Asu1,6-Arg8]Vasopressin alone has no effect at any time interval on cyclic AMP accumulation in adenohipophysial cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

- [1]. V Giguere, et al. Vasopressin potentiates cyclic AMP accumulation and ACTH release induced by corticotropin-releasing factor (CRF) in rat anterior pituitary cells in culture. *Endocrinology*. 1982 Nov;111(5):1752-4.
- [2]. I Pávó, et al. Differential inactivation of vasopressin receptor subtypes in isolated membranes and intact cells by N-ethylmaleimide. *FEBS Lett*. 1990 Oct 15;272(1-2):205-8.

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

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