

## PACAP (6-27) (human, ovine, rat)

Cat. No.:	HY-P3117
CAS No.:	136134-68-4
Molecular Formula:	C <sub>121</sub> H <sub>193</sub> N <sub>33</sub> O <sub>31</sub> S
Molecular Weight:	2638.09
Sequence:	Phe-Thr-Asp-Ser-Tyr-Ser-Arg-Tyr-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Ala-Ala-Val -Leu-NH <sub>2</sub>
Sequence Shortening:	FTDSYSRYRKQMAVKKYLA AVL-NH <sub>2</sub>
Target:	Adenylate Cyclase
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	PACAP (6-27) (human, ovine, rat) is a PACAP receptor antagonist that blocks the canine adrenal catecholamine response to exogenous vasoactive intestinal peptide (VIP). PACAP (6-27) (human, ovine, rat) has the potential to study cardiovascular and neurological diseases <sup>[1]</sup> .
IC <sub>50</sub> & Target	PACAP receptor <sup>[1]</sup> .

### REFERENCES

[1]. Gaspo R, et al. Canine adrenal catecholamine response to VIP is blocked by PACAP-(6-27) in vivo. Am J Physiol. 1997 May;272(5 Pt 2):R1606-12.

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

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