

Product Datasheet

VIP peptide (orb216855)

Description	VIP peptide
Form/Appearance	Lyophilized powder
Storage	Shipped at 4°C. Store at -20°C for one year.
Note	For research use only
Application notes	VIP, a 28-amino acid peptide belonging to the secretin-glucagon-CRF family, is widely distributed in the central and peripheral nervous systems. Acting both as a neurotransmitter and as a hormone, VIP is involved in a wide variety of biological activities, including vaso- and bronchodilation, smooth muscle relaxation, and stimulation of secretion. An injectable formulation of this peptide in combination with the adrenergic drug phentolamine is expected to provide a new and effective alternative for erectile dysfunction patients.
Protein Sequence	His-Ser-Asp-Ala-Val-Phe-Thr-Asp-Asn-Tyr-Thr-Arg-Leu-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Asn-Ser-Ile-Leu-Asn-NH ₂
Formula	C ₁₄₇ H ₂₃₈ N ₄₄ O ₄₂ S
Purity	> 95%
Source	Synthetic
MW	3325.7
CAS Number	40077-57-4
Expiration Date	12 months from date of receipt.

