

VT5

Cat. No.:	HY-P10155
CAS No.:	352653-12-4
Molecular Formula:	C ₁₁₃ H ₁₉₀ N ₃₀ O ₄₀
Molecular Weight:	2608.89
Sequence:	Asp-Pro-Lys-Gly-Asp-Pro-Lys-Gly-Val-Thr-Val-Thr-Val-Thr-Val-Thr-Gly-Lys-Gly-Asp-Pro-Lys-Pro-Asp
Sequence Shortening:	DPKGDPKGVTVTVTVTGKGDPKPD
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	VT5 is a β -sheet amphipathic peptide consisting of 26 amino acids. VT5 has the ability to form β -sheets for cellular internalization ^{[1][2]} .
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REFERENCES

[1]. Singh T, et al. Versatility of cell-penetrating peptides for intracellular delivery of siRNA. Drug Deliv. 2018 Nov;25(1):1996-2006.

[2]. Krause E, et al. Conformation of a water-soluble beta-sheet model peptide. A circular dichroism and Fourier-transform infrared spectroscopic study of double D-amino acid replacements. Int J Pept Protein Res. 1996 Dec;48(6):559-68.

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

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