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Zuschläge

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- Expressversand

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Ganglioside GM1-binding peptides p3

Cat. No.:	HY-P10529
CAS No.:	247185-97-3
Molecular Formula:	C ₈₆ H ₁₃₅ N ₂₃ O ₁₈
Molecular Weight:	1779.14
Sequence:	Val-Trp-Arg-Leu-Leu-Ala-Pro-Pro-Phe-Ser-Asn-Arg-Leu-Leu-Pro
Sequence Shortening:	VWRLAPPFSNRLLP
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Ganglioside GM1-binding peptides p3 is a synthetic peptide that can specifically bind to the pentasaccharide part of GM1 ganglioside. The dynamic transformation of Ganglioside GM1-binding peptides p3 may play an important role in the function of GM1 as a multiple receptor, such as in the classical pathway of cholera toxin infection. Ganglioside GM1-binding peptides p3 can be used to study the interaction between GM1 and its ligands^[1].

REFERENCES

[1]. Fujitani N, et al. Structural transition of a 15 amino acid residue peptide induced by GM1[J]. Carbohydrate research, 2007, 342(12-13): 1895-1903.

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

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