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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MBP Ac1-9 (4Y)

Cat. No.:	HY-P10525
CAS No.:	167278-49-1
Molecular Formula:	C ₄₇ H ₇₅ N ₁₇ O ₁₆
Molecular Weight:	1134.2
Sequence:	Ac-Ala-Ser-Gln-Tyr-Arg-Pro-Ser-Gln-Arg
Sequence Shortening:	Ac-ASQYRPSQR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

MBP Ac1-9 (4Y) is a synthetic peptide derived from a fragment of myelin basic protein (MBP) that has undergone specific chemical modifications. MBP Ac1-9 (4Y) is able to form a complex with the MHC class II molecule I-Au and activate specific T cell receptor (TCR), thus playing a role in the pathogenesis of experimental autoimmune encephalomyelitis (EAE). MBP Ac1-9 (4Y) can be used to study autoimmune diseases, especially those involving the central nervous system, such as multiple sclerosis^[1].

REFERENCES

[1]. Huang J C, et al. T cell recognition of distinct peptide: I-Au conformers in murine experimental autoimmune encephalomyelitis[J]. The Journal of Immunology, 2003, 171(5): 2467-2477.

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

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