

Peptide M

Cat. No.:	HY-12523
CAS No.:	110652-62-5
Molecular Formula:	C ₈₁ H ₁₄₁ N ₂₁ O ₃₁
Molecular Weight:	1905.11
Sequence:	Asp-Thr-Asn-Leu-Ala-Ser-Ser-Thr-Ile-Ile-Lys-Glu-Gly-Ile-Asp-Lys-Thr-Val
Sequence Shortening:	DTNLASSTIIKEGIDKTV
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

BIOLOGICAL ACTIVITY

Description	Peptide M is a synthetic amino acid (18 amino acids in length which correspond to the amino acid positions 303-322 of bovine S-antigen: DTNLASSTIIKEGIDKTV), is capable of inducing experimental autoimmune uveitis in monkeys and Hartley guinea pigs as well as Lewis rats ^[1] .
In Vitro	peptide M is immunogenic in man and provide additional support to the hypothesis that the amino acid sequence which corresponds to peptide M might be involved in uveitic conditions in man ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hirose S, et al. Lymphocyte responses to peptide M and to retinal S-antigen in uveitis patients. Jpn J Ophthalmol. 1990;34(3):298-305.

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

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