

Tiplimotide

Cat. No.:	HY-P1996
CAS No.:	178823-49-9
Molecular Formula:	C ₈₇ H ₁₄₂ N ₂₄ O ₂₁
Molecular Weight:	1860.21
Sequence Shortening:	AKPVVHLFANIVTPRTP
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Tiplimotide (NBI-5788) is an altered peptide ligand (APL) designed from an immunodominant region (83-99) of the neuroantigen myelin basic protein (MBP). Tiplimotide can selectively reduce the production of inflammatory cytokines by pathogenic T-cells. Tiplimotide can be used for the research of multiple sclerosis (MS)^{[1][2]}.

REFERENCES

- [1]. P D Crowe, et al. NBI-5788, an altered MBP83-99 peptide, induces a T-helper 2-like immune response in multiple sclerosis patients. Ann Neurol. 2000 Nov;48(5):758-65.
- [2]. Maria Katsara, et al. A double mutation of MBP(83-99) peptide induces IL-4 responses and antagonizes IFN-gamma responses. J Neuroimmunol. 2008 Aug 30;200(1-2):77-89.

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

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