

Dirucotide

Cat. No.:	HY-P3541
CAS No.:	152074-97-0
Molecular Formula:	C ₉₂ H ₁₄₁ N ₂₅ O ₂₆
Molecular Weight:	2013.25
Sequence Shortening:	DENPVVHFFKNIVTPRT
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Dirucotide (MBP8298) is a synthetic peptide that consists of 17 amino acids linked in a sequence identical to that of a portion of human myelin basic protein. Dirucotide can be used for the research in autoimmune disorder of the central nervous system, such as Multiple sclerosis (MS)^[1].

REFERENCES

- [1]. Leslie Boudesocque, et al. Purification of dirucotide, a synthetic 17-aminoacid peptide, by ion exchange centrifugal partition chromatography. J Chromatogr A. 2017 Sep 1;1513:78-83.
- [2]. Hubert Kalbacher, et al. Design of Linear and Cyclic Mutant Analogues of Dirucotide Peptide (MBP8298) against Multiple Sclerosis: Conformational and Binding Studies to MHC Class II. Brain Sci. 2018 Dec 4;8(12):213.

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

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