

Disomotide

Cat. No.:	HY-105039
CAS No.:	181477-43-0
Molecular Formula:	C ₄₇ H ₇₄ N ₁₀ O ₁₄ S
Molecular Weight:	1035.21
Sequence:	Ile-Met-Asp-Gln-Val-Pro-Phe-Ser-Val
Sequence Shortening:	IMDQVPFSV
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Disomotide (G209-2M) is a melanoma antigen that enhances the generation of cytotoxic T lymphocytes (CTL) recognizing native G209 as well as melanoma ^{[1][2]} .
In Vitro	For Ag activation, PBMCs from immunized patients are cultured for 6 days with Disomotide (G209-2M) peptide (1 μM) ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Yang S, et al. Antimelanoma activity of CTL generated from peripheral blood mononuclear cells after stimulation with autologous dendritic cells pulsed with melanoma gp100 peptide G209-2M is correlated to TCR avidity. *J Immunol.* 2002 Jul 1;169(1):531-9.
- [2]. Ahmadzadeh M, et al. IL-2 and IL-15 each mediate de novo induction of FOXP3 expression in human tumor antigen-specific CD8 T cells. *J Immunother.* 2007 Apr;30(3):294-302.

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

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