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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Tregitope 289

Cat. No.:	HY-P10492
Molecular Formula:	C ₁₁₅ H ₁₇₃ N ₃₁ O ₃₆
Molecular Weight:	2565.79
Sequence:	Glu-Glu-Gln-Tyr-Asn-Ser-Thr-Tyr-Arg-Val-Val-Ser-Val-Leu-Thr-Val-Leu-His-Gln-Asp-Trp-NH ₂
Sequence Shortening:	EEQYNSTYRVVSVLTVLHQDW-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Tregitope 289 is a peptide derived from the Fc region of immunoglobulin G (IgG) and is a highly conserved T cell epitope that stimulates the expansion of natural regulatory T cells. Co-delivery of Tregitope 289 with type 1 diabetes (T1D) antigens delays the development of hyperglycemia and reduces the incidence of diabetes in the NOD mouse model. Tregitope 289 can be used to study T1D and other autoimmune diseases^[1].

REFERENCES

[1]. Cousens L P, et al. Application of IgG-derived natural Treg epitopes (IgG Tregitopes) to antigen-specific tolerance induction in a murine model of type 1 diabetes[J]. Journal of diabetes research, 2013, 2013(1): 621693.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA