



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## SMCY peptide

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Cat. No.:	HY-P10339
CAS No.:	169312-12-3
Molecular Formula:	C <sub>49</sub> H <sub>85</sub> N <sub>15</sub> O <sub>18</sub>
Molecular Weight:	1172.29
Sequence:	Ser-Pro-Ser-Val-Asp-Lys-Ala-Arg-Ala-Glu-Leu
Sequence Shortening:	SPSVDKARAEL
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

SMCY peptide inhibits the binding of iodinated standard peptide to HLA-B7 with an IC<sub>50</sub> of 34 nM. As an epitope of the H-Y antigen, SMCY peptide can be presented by the HLA-B7 molecule and recognized by specific T cells, leading to transplant rejection<sup>[1]</sup>.

### REFERENCES

[1]. Wang W, et al. Human H-Y: a male-specific histocompatibility antigen derived from the SMCY protein. *Science*. 1995 Sep 15;269(5230):1588-90.

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

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