



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Tat-βsyn-degron

Cat. No.:	HY-P10360
CAS No.:	2816095-52-8
Molecular Formula:	C <sub>132</sub> H <sub>237</sub> N <sub>59</sub> O <sub>31</sub>
Molecular Weight:	3146.67
Sequence:	Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Arg-Thr-Lys-Ser-Gly-Val-Tyr-Leu-Val-Gly-Arg-Arg-Arg-Gly
Sequence Shortening:	YGRKKRRQRRRRTKSGVYLVGRRRG
Target:	α-synuclein
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Tat-βsyn-degron is an α-synuclein knockdown peptide. Tat-βsyn-degron binds to α-synuclein and reduces α-synuclein levels in primary rat cortical neuron cultures. Tat-βsyn-degron also reduces α-synuclein levels and decreases the parkinsonian toxin-induced neuronal damage and motor impairment in a mouse toxicity model of PD<sup>[1]</sup>.

### REFERENCES

[1]. Jin JW, et al. Development of an α-synuclein knockdown peptide and evaluation of its efficacy in Parkinson's disease models. *Commun Biol.* 2021 Feb 19;4(1):232.

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

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