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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) 

[D-His26]-Neuropeptide Y, human, rat

Cat. No.:	HY-P10545
Molecular Formula:	C ₁₈₀ H ₂₇₆ N ₅₄ O ₅₅ S
Molecular Weight:	4108.51
Sequence:	Pro-Ser-Lys-Pro-Asp-Asn-Pro-Gly-Glu-Asp-Ala-Pro-Ala-Glu-Asp-Met-Ala-Arg-Tyr-Tyr-Ser-Ala-Leu-Arg-{d-His}-Tyr-Ile-Asn-Leu-Ile-Thr-Arg-Gln-Arg-Tyr-NH ₂
Sequence Shortening:	YPSKPDNPGEDAPAEDMARYSALR-{d-His}-YINLITRQRY-NH ₂
Target:	Neuropeptide Y Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

[D-His26]-Neuropeptide Y, human, rat is a synthetic variant of neuropeptide Y (NPY). [D-His26]-Neuropeptide Y, human, rat acts as a Y1R agonist that can prevent the development of anxiety, social impairment, and depressive symptoms, and has the potential to be used as an early intervention treatment for post-traumatic stress reactions^[1].

REFERENCES

[1]. Nwokafor C, et al. Activation of NPY receptor subtype 1 by [D-His26] NPY is sufficient to prevent development of anxiety and depressive like effects in the single prolonged stress rodent model of PTSD[J]. *Neuropeptides*, 2020, 80: 102001.

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