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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) 

Myostatin inhibitory peptide 2

Cat. No.:	HY-P10476
CAS No.:	1621169-52-5
Molecular Formula:	C ₁₃₃ H ₂₂₇ N ₄₃ O ₃₃
Molecular Weight:	2956.49
Sequence:	Ala-Trp-Arg-Gln-Asn-Thr-Arg-Tyr-Ser-Arg-Ile-Glu-Ala-Ile-Lys-Ile-Gln-Ile-Leu-Ser-Lys-Leu-Arg-Leu-NH ₂
Sequence Shortening:	AWRQNTRYSRIEAIKIQLSKLRL-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Myostatin inhibitory peptide 2 (compd 2) is a myostatin inhibitor with a K _d of 35.9 nM. Myostatin inhibitory peptide 2 can be used for researches of muscle atrophic disorders ^[1] .
In Vivo	Myostatin inhibitory peptide 2 (0.75 mM, 40 μL, i.m., once every two weeks for 4 weeks) increases the muscle weight of skeletal muscles in muscular dystrophy model mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Takayama K, et al. Identification of the minimum peptide from mouse myostatin prodomain for human myostatin inhibition. J Med Chem. 2015 Feb 12;58(3):1544-9.

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