



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## JLB2-110c

Cat. No.:	HY-P6176
CAS No.:	3032608-72-0
Molecular Formula:	C <sub>71</sub> H <sub>108</sub> N <sub>28</sub> O <sub>12</sub>
Molecular Weight:	1545.8
Sequence:	Cyclo(Pro-His-{d-Phe}-Arg-Trp-{Dap}-{Lys(Ac-Arg-Arg-Arg)}-{d-Pro})
Sequence Shortening:	Cyclo(PH-{d-Phe}-RW-{Dap}-{Lys(Ac-RRR)}-{d-Pro})
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	JLB2-110c activates MCRs receptor (mMC4R EC <sub>50</sub> = 0.34 nM) and has a strong in vivo appetite suppressant effect <sup>[1]</sup> .
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### REFERENCES

[1]. Ericson MD, et al. Incorporation of Three Extracyclic Arginine Residues into a Melanocortin Macrocytic Agonist (c[Pro-His-DPhe-Arg-Trp-Dap-Lys(Arg-Arg-Arg-Ac)-DPro]) Decreases Food Intake When Administered Intrathecally or Subcutaneously Compared to a Macrocytic Ligand Lacking Extracyclic Arginine Residues (c[Pro-His-DPhe-Arg-Trp-Dap-Ala-DPro]). ACS Pharmacol Transl Sci. 2024 Apr 2;7(4):1114-1125.

**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