



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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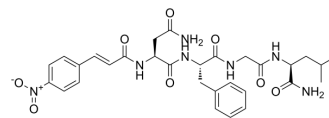
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Insecticidal agent 11

Cat. No.:	HY-P10390
CAS No.:	1798816-86-0
Molecular Formula:	C ₃₀ H ₃₇ N ₇ O ₈
Molecular Weight:	623.66
Sequence:	{4-Nitrocinnamic acid}-Asn-Phe-Gly-Leu-NH ₂
Sequence Shortening:	{4-Nitrocinnamic acid}-NFGL-NH ₂
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Insecticidal agent 11 (compound Q6) is a potent insect growth regulator (IGR)-based insecticide. Insecticidal agent 11 shows high insecticidal activity against *Diploptera punctata* by inhibiting juvenile hormone (JH) biosynthesis. Insecticidal agent 11 also exhibits insecticidal activity against *Plutella xylostella*^[1].

REFERENCES

[1]. Zhang Y, et al. A Novel Peptidomimetic Insecticide: Dipu-AstR-Based Rational Design and Biological Activity of Allatostatin Analogs. *J Agric Food Chem.* 2024 May 22;72(20):11341-11350.

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

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