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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

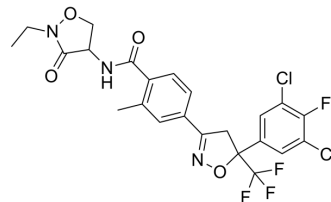
mail@szabo-scandic.com

www.szabo-scandic.com

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

Isocycloseram

Cat. No.:	HY-158185
CAS No.:	2061933-85-3
Molecular Formula:	C ₂₃ H ₁₉ Cl ₂ F ₄ N ₃ O ₄
Molecular Weight:	548.31
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Isocycloseram is an isoxazoline insecticide and acaricide widely recognized as an allosteric modulator of GABA-gated chloride channels. Isocycloseram is active against Lepidopteran, Hemiptera, Coleoptera, Thysanoptera and Diptera pests. Isocycloseram targets the invertebrate Rdl GABA receptor, but the G335M mutation in the third transmembrane domain of the Rdl GABA receptor may mediate resistance^[1].

REFERENCES

[1]. Blythe J, et al. The mode of action of isocycloseram: A novel isoxazoline insecticide. *Pestic Biochem Physiol.* 2022 Oct;187:105217.

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