



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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

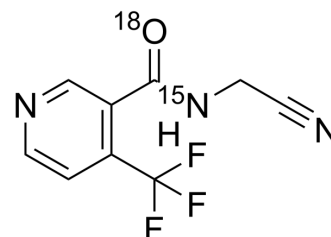
mail@szabo-scandic.com

www.szabo-scandic.com

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

Flonicamid-¹⁵N¹⁸O

Cat. No.:	HY-119649S
CAS No.:	2483830-60-8
Molecular Formula:	C ₉ H ₆ F ₃ N ₂ ¹⁵ N ¹⁸ O
Molecular Weight:	232.15
Target:	Isotope-Labeled Compounds; Parasite
Pathway:	Others; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Flonicamid-¹⁵N,18O (IKI220-¹⁵N,18O) is ¹⁵N labeled Flonicamid. Flonicamid (IKI220) is a novel systemic insecticide with selective activity against hemipterous pests. The main insecticidal mechanism of flonicamid is starvation based on the inhibition of stylet penetration to plant tissues^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Masayuki Morita, et al. Flonicamid, a novel insecticide with a rapid inhibitory effect on aphid feeding. Pest Manag Sci. 2007 Oct;63(10):969-73.
- [3]. Morita M, et al. Flonicamid, a novel insecticide with a rapid inhibitory effect on aphid feeding. Pest Manag Sci. 2007 Oct;63(10):969-73.

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