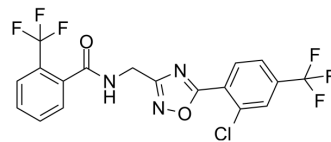


SDH-IN-11

Cat. No.:	HY-157459
CAS No.:	2998946-58-8
Molecular Formula:	C ₁₈ H ₁₀ ClF ₆ N ₃ O ₂
Molecular Weight:	449.73
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SDH-IN-11 (compound A7) is a SDH inhibitor, and shows inhibitory effect on nematode feeding, reproductive ability, and egg hatching. SDH-IN-11 promotes the oxidative stress of nematodes and causes intestinal damage to nematodes. SDH-IN-11 inhibits the activity of succinate dehydrogenase (SDH) in nematodes^[1].

REFERENCES

[1]. Wang Y, et al. Design, Synthesis, Nematicidal Activity, and Mechanism of Novel Amide Derivatives Containing an 1,2,4-Oxadiazole Moiety. *J Agric Food Chem.* 2024;72(1):128-139.

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

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