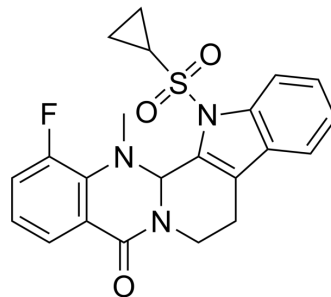


Insecticidal agent 7

Cat. No.:	HY-163157
CAS No.:	2951079-77-7
Molecular Formula:	C ₂₂ H ₂₀ FN ₃ O ₃ S
Molecular Weight:	425.48
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Insecticidal agent 7 (Compound 21m) is an insecticide that targets the insect ryanodine receptors (RyRs) with a LC ₅₀ of 0.0937 mg/L for the <i>Plutella xylostella</i> . Insecticidal agent 7 (Compound 21m) exhibits good selectivity and low toxicity towards non-target organisms ^[1] .
IC ₅₀ & Target	ryanodine receptors (RyRs) ^[1] .

REFERENCES

[1]. Liu J, et al. Novel Evodiamine-Based Sulfonamide Derivatives as Potent Insecticide Candidates Targeting Insect Ryanodine Receptors. *J Agric Food Chem*. 2024 Jan 4. doi: 10.1021/acs.jafc.3c05680. Epub ahead of print. PMID: 38178001.

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

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