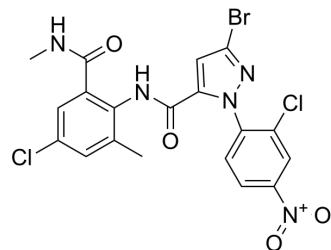


Insecticidal agent 6

Cat. No.:	HY-149697
CAS No.:	1699760-76-3
Molecular Formula:	C ₁₉ H ₁₄ BrCl ₂ N ₅ O ₄
Molecular Weight:	527.16
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Insecticidal agent 6 (Compound 1m) is an insect ryanodine receptors (RyRs) inhibitor, with an EC ₅₀ value of 0.6308 μM against <i>S. frugiperda</i> RyRs. Insecticidal agent 6 has excellent insecticidal activity against lepidopteran pests and can be used for research on pests and diseases ^[1] .
IC ₅₀ & Target	EC ₅₀ : 0.6308 μM (RyRs) ^[1] .

REFERENCES

[1]. Sun P, et al. Novel Nitrophenyl Substituted Anthranilic Diamide Derivatives: Design, Synthesis, Selectivity, and Antiresistance. J Agric Food Chem. 2023 Nov 8.

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

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