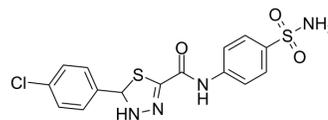


Insecticidal agent 5

Cat. No.:	HY-157162
CAS No.:	3021587-00-5
Molecular Formula:	C ₁₅ H ₁₃ ClN ₄ O ₃ S ₂
Molecular Weight:	396.87
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Insecticidal agent 5 (compound 8) is an AChE-targeting insecticide with an LD50 of 27.65 ppm against the cotton leafworm <i>Spodoptera littoralis</i> ^[1] .
IC ₅₀ & Target	AChE ^[1]

REFERENCES

[1]. El-Saghier AM et al. Green synthesis, biological and molecular docking of some novel sulfonamide thiaziazole derivatives as potential insecticidal against *Spodoptera littoralis*. *Sci Rep.* 2023 Nov 6;13(1):19142.

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

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