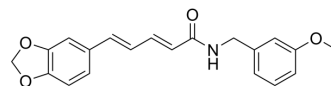


ZK-PI-5

Cat. No.:	HY-155387
Molecular Formula:	C ₂₀ H ₁₉ NO ₄
Molecular Weight:	337.37
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ZK-PI-5 is a potent trehalase inhibitor and regulate the reproduction of <i>Spodoptera frugiperda</i> . ZK-PI-5 has the potential to be a new insecticide and has pest control potential ^[1] .
IC ₅₀ & Target	IC ₅₀ : trehalase ^[1]

REFERENCES

[1]. Xinyi Jiang, et al. Novel compounds ZK-PI-5 and ZK-PI-9 regulate the reproduction of *Spodoptera frugiperda* (Lepidoptera: Noctuidae), with insecticide potential. *J Econ Entomol.* 2023 Oct 10;116(5):1850-1861.

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

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