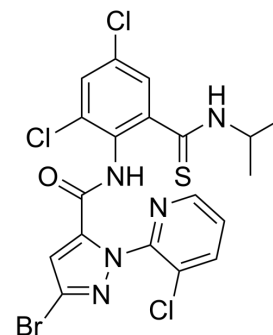


Thiotraniliprole

Cat. No.:	HY-148964
CAS No.:	1442448-92-1
Molecular Formula:	C ₁₉ H ₁₅ BrCl ₃ N ₅ OS
Molecular Weight:	547.68
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Thiotraniliprole (HY366) is an ortho formamidobenzamide insecticide that can be used for the synthesis of insecticidal combinations. Thiotraniliprole has potential applications in the prevention of lepidoptera pests, coleoptera pests, ants, and termites ^{[1][2]} .
In Vitro	Thiotransiliprole has a toxic effect on the cabbage diamondback moth with an LC ₅₀ value of 0.078 mg/L ^[2] . Thiotransiliprole (50 g/hm ²) effectively prevents 94.2% of diamondback moths after 14 days of treatment ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Si X I, et al. Efficient insecticidal composition and preparation method and application thereof. China. CN115462381.
- [2]. Wu S, et al. Agricultural insecticidal composition containing sulfenamide and lambda-cyhalothrin and application thereof. China. CN112715559.

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

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