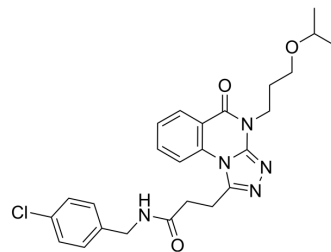


OfChi-h-IN-2

| | |
|--------------------|---|
| Cat. No.: | HY-157037 |
| CAS No.: | 902932-91-6 |
| Molecular Formula: | C ₂₅ H ₂₈ ClN ₅ O ₃ |
| Molecular Weight: | 481.97 |
| Target: | Parasite |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | OfChi-h-IN-2 (compound TQ19) is a potent OfChi-h inhibitor with a K _i value of 0.33 μM. OfChi-h-IN-2 can significantly inhibit the growth and development of <i>Ostrinia nubilalis</i> larvae. OfChi-h-IN-2 can be used in agricultural insecticide research ^[1] . |
| IC ₅₀ & Target | OfChi-h ^[1] . |

REFERENCES

[1]. Dong L, et al. Identification of Triazolo-quinazolinone Derivatives as Novel and Potent Chitinase OfChi-h Inhibitors Based on Structure-Based Virtual Screening. *J Agric Food Chem*. 2023 Nov 1.

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

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