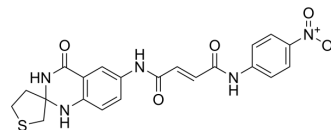


Chitin synthase inhibitor 13

Cat. No.:	HY-155569
CAS No.:	2925228-79-9
Molecular Formula:	C ₂₁ H ₁₉ N ₅ O ₅ S
Molecular Weight:	453.47
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Chitin synthase inhibitor 13 (compound 12g) is a non-competitive inhibitor of chitin synthase, with an IC₅₀ of 106.7 μM. Chitin synthase inhibitor 13 exhibits a broad-spectrum of antifungal activity^[1].

REFERENCES

[1]. Du C, et, al. Design, synthesis and biological evaluation of novel spiro-quinazolinone derivatives as chitin synthase inhibitors and antifungal agents. *Eur J Med Chem.* 2023 Jul 5;255:115388.

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

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