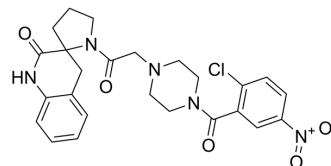


## Chitin synthase inhibitor 14

Cat. No.:	HY-149585
CAS No.:	2922114-19-8
Molecular Formula:	C <sub>25</sub> H <sub>26</sub> ClN <sub>5</sub> O <sub>5</sub>
Molecular Weight:	511.96
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 14 (compound 4n) is chitin synthase (CHS) inhibitor. Chitin synthase inhibitor 14 has antifungal activity while possessed the potency against drug-resistant fungal variants<sup>[1]</sup>.

### REFERENCES

[1]. Liu L, et al. Novel spiro[pyrrolidine-2,3'-quinoline]-2'-one derivatives containing piperazine fragment as potential chitin synthase inhibitors and antifungal agents: Design, synthesis and biological evaluation. *Eur J Med Chem.* 2023 Nov 15;260:115777.

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

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