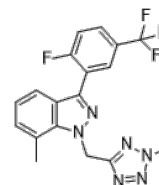


Product Name : Inz-5
Cat. No. : PC-27585
CAS No. : 1585214-21-6
Molecular Formula : C₁₈H₁₄F₄N₆
Molecular Weight : 390.35
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

Inz-5 is a fungal-specific indazole derivative inhibitor of *Candida albicans* (C. albicans) **complex III (CIII)** with IC₅₀ of 24 nM in UQH₂:cyt c oxidoreductase assays.

Inz-5 binds within the QP site of homodimeric respiratory complex III (CIII₂).

Inz-5 is specific for fungal CIII.

Inz-5 is a Pm-type inhibitor, binds similar to strobilurin-type inhibitors.

Inz-5 enhances antifungal action of both voriconazole and caspofungin.

References

Di Trani JM, et al. **Structure**. 2022 Jan 6;30(1):129-138.e4.

Phan-Canh T, et al. **ACS Infect Dis**. 2026 Jul 28. doi: 10.1021/acsinfecdis.5c01058.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com