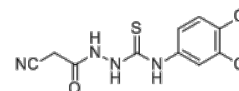


Product Name : iKIX1
Cat. No. : PC-60335
CAS No. : 656222-54-7
Molecular Formula : C₁₀H₈Cl₂N₄OS
Molecular Weight : 303.161
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

iKIX1 is a small-molecule inhibitor of the interaction of the *C. glabrata* **Pdr1** activation domain with the *C. glabrata* Gal11A KIX domain with *K_i* of 18 μ M.

iKIX1 blocks Gal11/Med15 recruitment and inhibits Pdr1-dependent gene activation and re-sensitizes drug-resistant *C. glabrata* to azole antifungals in vitro and in animal models for disseminated and urinary tract *C. glabrata* infection. iKIX1 is a novel therapeutic strategy in fungal infectious disease.

References

Nishikawa JL, et al. *Nature*. 2016 Feb 25;530(7591):485-9.

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

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