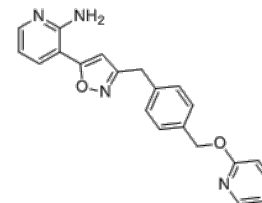


Product Name : APX001
Cat. No. : PC-62617
CAS No. : 936339-60-5
Molecular Formula : C₂₁H₁₈N₄O₂
Molecular Weight : 358.401
Target : Fungal
Solubility :



Biological Activity

APX001 (APX 001A;E1210) is a novel broad-spectrum antifungal agent that inhibits the fungal protein **Gwt1**, demonstrates significantly active MIC₅₀ and MIC₉₀ values of 0.004 and 0.031 ug/ml (16 strains of *C. auris*); inhibits the inositol acylation activity of *C. albicans* Gwt1p and *A. fumigatus* Gwt1p with IC₅₀ of 0.3 to 0.6 uM but has no inhibitory activity against human Pig-Wp; shows significant efficacy in murine model of disseminated *C. auris* infection, and log reduction in CFU counts in kidney, lung, and brain tissue.

Fungal Infection
Phase 1 Clinical

References

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Miyazaki M, et al. *Antimicrob Agents Chemother.* 2011 Oct;55(10):4652-8.

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

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