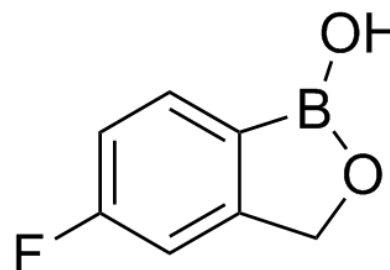


Product Name : AN-2690
Cat. No. : PC-42761
CAS No. : 174671-46-6
Molecular Formula : C₇H₆BFO₂
Molecular Weight : 151.9307
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

AN-2690 (Tavaborole) is an antifungal compound that inhibits cytoplasmic **leucyl-tRNA synthetase** (LeuRS) for the potential treatment of onychomycosis.

AN-2690 inhibits *T. rubrum*, *T. mentagrophytes*, *C. albicans*, *C. neoformans* with MIC₅₀s of 0.25-1µg/mL.

References

Baker SJ, et al. J Med Chem. 2006 Jul 27;49(15):4447-50.

Rock FL, et al. Science. 2007 Jun 22;316(5832):1759-61.

Sarkar J, et al. FEBS Lett. 2011 Oct 3;585(19):2986-91.

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

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