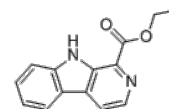


Product Name : 1-ECBC
Cat. No. : PC-73393
CAS No. : 72755-19-2
Molecular Formula : C₁₄H₁₂N₂O₂
Molecular Weight : 240.262
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

1-ECBC is a small molecule inhibiting *C. albicans* filamentation, 1-ABC targets DYRK1-family kinase **Yak1**, the sole DYRK-family member expressed in **C. albicans**.

1-ECBC blocked *C. albicans* biofilm formation in several co-culture models and a rat catheter infection model.

References

MacAlpine J, et al. *Nat Commun.* 2021 Oct 22;12(1):6151.

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

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