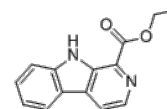


Product Name : 1-ECBC
Cat. No. : PC-73393
CAS No. : 72755-19-2
Molecular Formula : C₁₄H₁₂N₂O₂
Molecular Weight : 240.262
Target : Fungal
Solubility : 10 mM in DMSO



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!

E-mail: tech@probechem.com