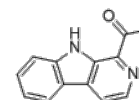


Product Name : 1-ABC
Cat. No. : PC-73392
CAS No. : 50892-83-6
Molecular Formula : C₁₃H₁₀N₂O
Molecular Weight : 210.236
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

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

Single amino acid substitutions in the putative phosphatase Oca6 and in the transcription factor Rob1 could bypass the filamentation-repressive effects of 1-ABC.

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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