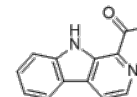


**Product Name** : 1-ABC  
**Cat. No.** : PC-73392  
**CAS No.** : 50892-83-6  
**Molecular Formula** : C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>O  
**Molecular Weight** : 210.236  
**Target** : Fungal  
**Solubility** : 10 mM in DMSO



## 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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