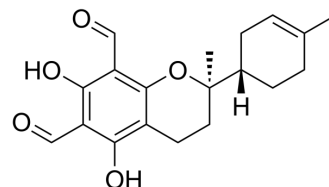


## Anticandidal agent-1

Cat. No.:	HY-146196
CAS No.:	2548852-85-1
Molecular Formula:	C <sub>19</sub> H <sub>22</sub> O <sub>5</sub>
Molecular Weight:	330.37
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

**Description** Anticandidal agent-1 (compound c2) is a potent and broad-spectrum anticandidal agent. Anticandidal agent-1 shows anticandidal activity against *C. albicans* and *C. glabrata*, with MIC<sub>50</sub> values of 8.65 and 13.51 µg/mL, respectively. Anticandidal agent-1 inhibits biofilm by blocking hyphal elongation and filamentation<sup>[1]</sup>.

**IC<sub>50</sub> & Target** MIC<sub>50</sub>: 8.65 ± 1.33 µg/mL (*C. albicans*) 13.51 ± 2.20 µg/mL (*C. glabrata*)<sup>[1]</sup>

### REFERENCES

[1]. Zhong LF, et al. Anticandidal formyl phloroglucinol meroterpenoids: Biomimetic synthesis and in vitro evaluation. *Bioorg Chem.* 2020 Nov;104:104248.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA