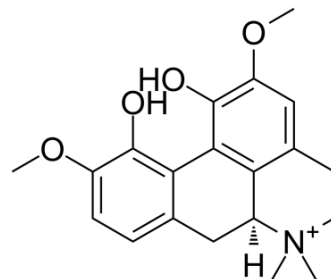


## (+)-Magnoflorine

Cat. No.:	HY-N0334
CAS No.:	2141-09-5
Molecular Formula:	C <sub>20</sub> H <sub>24</sub> NO <sub>4</sub> <sup>+</sup>
Molecular Weight:	342.41
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(+)-Magnoflorine (Magnoflorine), an aporphine alkaloid found in *Acorus calamus*, reduces the formation of *C. albicans* biofilm<sup>[1]</sup>. (+)-Magnoflorine has anti-fungal, anti-antidiabetic and anti-oxidative activity<sup>[2]</sup>.

### REFERENCES

[1]. Kim J, et al. Antifungal activity of magnoflorine against *Candida* strains. *World J Microbiol Biotechnol*. 2018 Oct 31;34(11):167.

[2]. Haque MA, et al. Magnoflorine Enhances LPS-Activated Pro-Inflammatory Responses via MyD88-Dependent Pathways in U937 Macrophages. *Planta Med*. 2018 Nov;84(17):1255-1264.

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