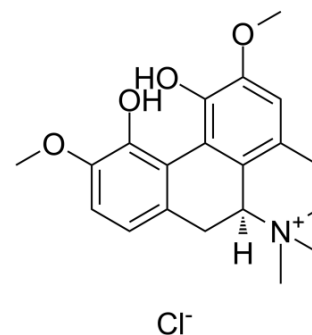


## (+)-Magnoflorine chloride

Cat. No.:	HY-N0535
CAS No.:	6681-18-1
Molecular Formula:	C <sub>20</sub> H <sub>24</sub> ClNO <sub>4</sub>
Molecular Weight:	377.86
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Magnoflorine chloride (Magnoflorine chloride), an aporphine alkaloid found in *Acorus calamus*, reduces the formation of *C. albicans* biofilm<sup>[1]</sup>. Magnoflorine chloride 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.**

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