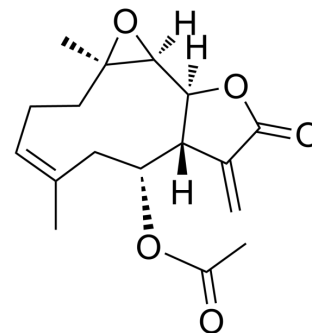


## Lipiferolide

Cat. No.:	HY-N3378
CAS No.:	41059-80-7
Molecular Formula:	C <sub>17</sub> H <sub>22</sub> O <sub>5</sub>
Molecular Weight:	306.35
Target:	Farnesyl Transferase; Parasite
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Lipiferolide is an antiplasmodial agent (IC<sub>50</sub>: 1.8 µg/mL) that can be isolated from *Liriodendron tulipifera*. Lipiferolide also inhibits FPTase, and has antitumor activity<sup>[1][2]</sup>.

### REFERENCES

- [1]. Grazioplene R, et al. Antiplasmodial activity of aporphine alkaloids and sesquiterpene lactones from *Liriodendron tulipifera* L. *J Ethnopharmacol.* 2011 Jan 7;133(1):26-30.
- [2]. Moon MK, et al. Farnesyl protein transferase and tumor cell growth inhibitory activities of lipiferolide isolated from *Liriodendron tulipifera*. *Arch Pharm Res.* 2007 Mar;30(3):299-302.

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

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