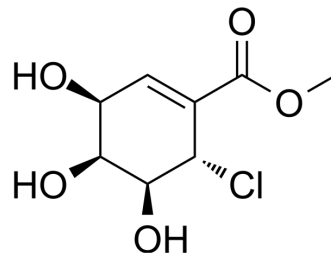


## Pericosine A

Cat. No.:	HY-N8473
CAS No.:	200335-68-8
Molecular Formula:	C <sub>8</sub> H <sub>11</sub> ClO <sub>5</sub>
Molecular Weight:	222.62
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Pericosine A ((+)-Pericosine A) is a topoisomerase II (Topoisomerase II) inhibitor that can be isolated from the *Periconia byssoides* strain. Pericosine A has significant antitumor activity in vitro and in vivo and can be used in cancer research. Pericosine A also inhibits the protein kinase epidermal growth factor receptor<sup>[1]</sup>.

### REFERENCES

[1]. Yamada T, et al. Pericosines, antitumor metabolites from the sea hare-derived fungus *Periconia byssoides*. Structures and biological activities. *Org Biomol Chem*. 2007 Dec 21;5(24):3979-86.

**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