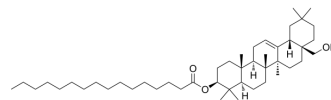


## Erythrodiol 3-O-palmitate

Cat. No.:	HY-N3862
CAS No.:	19833-13-7
Molecular Formula:	C <sub>46</sub> H <sub>80</sub> O <sub>3</sub>
Molecular Weight:	681.13
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Erythrodiol 3-O-palmitate is a natural product isolated from *Dicranostigma leptopodum* (Maxim) Fedde, *Gentiana rhodantha* Franch or *Swertia kouitchensis*. Erythrodiol 3-O-palmitate has antitumor activity, and inhibits the proliferation of K562 cells with the inhibition rate of 47% at 100 ug/mL<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Wang F, et al. New hopane triterpene from *Dicranostigma leptopodum* (Maxim) Fedde. *J Asian Nat Prod Res.* 2010;12(1):94-97.
- [2]. W.-Q. Zhao, et al. Triterpenoidal constituents of *Pericampylus glaucus* and their antitumor activity in vitro. *Chinese Journal of Medicinal Chemistry*, 2009, 19(3):195-9.
- [3]. He K, et al. Chemical constituents of *Swertia kouitchensis* Franch. *Zhongguo Zhong Yao Za Zhi.* 2015;40(19):3811-3817.

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

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