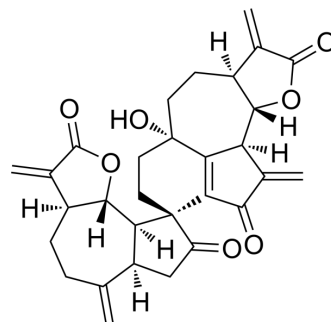


Gochnatiolide A

Cat. No.:	HY-N11108
CAS No.:	87606-12-0
Molecular Formula:	$C_{30}H_{30}O_7$
Molecular Weight:	502.56
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Gochnatiolide A is a dimeric sesquiterpene that can be found in <i>Ainsliaea henryi</i> . Gochnatiolide A exhibits antiproliferative activity against the kidney, melanoma, ovarian-resistant and glioma cell lines ^{[1][2]} .
In Vitro	Gochnatiolide A (0.25-250 µg/mL; 48 h) inhibits cell growth, with values of TGI (total growth inhibition) of 0.42, 0.49, 0.70, 1.09, 1.69, 4.66, 5.42, 6.63, 54.73, 13.13, and 114.87 µg/mL for 786.0, UACC-62, NCI-ADR/RES, U251, MCF-7, NCI-H460, HT-29, PC-3, OVCAR-3, VERO, and K562 cells, respectively ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Xiong HP, et, al. A dimeric sesquiterpene, gochnatiolide A. Acta Crystallogr Sect E Struct Rep Online. 2009 Oct 23;65(Pt 11):o2847.
- [2]. Strapasson RLB, et, al. Bioactivity-guided isolation of cytotoxic sesquiterpene lactones of *Gochnatia polymorpha* ssp. *Floccose*. Phytother Res. 2012 Jul;26(7):1053-6.

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

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