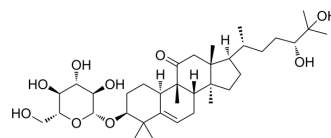


Cabenoside D

Cat. No.:	HY-N11020
CAS No.:	88901-40-0
Molecular Formula:	C ₃₆ H ₆₀ O ₉
Molecular Weight:	636.86
Target:	EBV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cabenoside D (compound 8) is a triterpenoid glycoside, which can be isolated from the methanol extract of lichen root. Cabenoside D shows anti-inflammatory activity and inhibits inflammation induced by 12-O-tetradecanoyl phorbol-13-acetate (TPA) in mice. Cabenoside D also inhibits TPA-induced Epstein-Barr virus (EBV) early antigen (EBV-EA) activation ^[1] .
In Vitro	Cabenoside D (compound 8) (10-1000 mol ratio/TPA, TPA=32 pmol, 20 ng) dose-dependently inhibits TPA-induced Epstein-Barr virus (EBV) early antigen (EBV-EA) activation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	Cabenoside D (compound 8) (0.6 mg/ear; single dose) inhibits TPA-induced inflammation in mice with the inhibition rate of 66% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Ukiya M, et al. Anti-inflammatory and anti-tumor-promoting effects of cucurbitane glycosides from the roots of Bryonia dioica. J Nat Prod. 2002 Feb;65(2):179-83.
- [2]. Ukiya M, et al. Anti-inflammatory and anti-tumor-promoting effects of cucurbitane glycosides from the roots of Bryonia dioica. J Nat Prod. 2002 Feb;65(2):179-83.

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

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