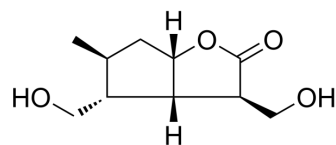


Gelsemiol

Cat. No.:	HY-N3938
CAS No.:	110414-77-2
Molecular Formula:	C ₁₀ H ₁₆ O ₄
Molecular Weight:	200.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Gelsemiol is the main active ingredient in <i>Verbena littoralis</i> H. B. K.. Gelsemiol enhanced nerve growth factor (NGF) -induced axonal elongation in PC12D cells ^[1] .
In Vitro	Gelsemiol (30-300μM; 48 h) has no neuritis-inducing activity in PC12D cells ^[1] . Gelsemiol (30-300μM; 48 h), together with NGF (2 ng/mL), significantly enhances the proportion of axon-carrying cells increased and axon length lengthened in PC12D cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Li YS, et al. Potentiation of nerve growth factor-induced elongation of neurites by gelsemiol and 9-hydroxysemperoside aglucone in PC12D cells. *J Pharm Pharmacol*. 2001 Jun;53(6):915-9.

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

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