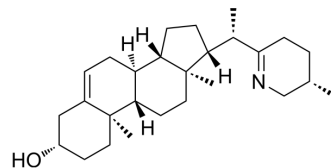


## Verazine

Cat. No.:	HY-N11911
CAS No.:	14320-81-1
Molecular Formula:	C <sub>27</sub> H <sub>43</sub> NO
Molecular Weight:	397.64
Target:	Fungal
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

Verazine ((-)-Verazine) is an anti-Fungal Agent that can be found in the dried roots and rhizoma of *Veratrum maackii* Regel. Verazine causes DNA damage in the cerebellum and cerebral cortex of mice in a dose-dependent manner. Verazine can be used in the study of fungal infections and neurological diseases<sup>[1][2]</sup>.

### REFERENCES

- [1]. Cong Y, et al. Steroidal Alkaloids from *Veratrum maackii* Regel with Genotoxicity on Brain-Cell DNA in Mice. *Helv Chim Acta*. 2015, 98(4): 539-545.
- [2]. Augustin MM, et al. Elucidating steroid alkaloid biosynthesis in *Veratrum californicum*: production of verazine in Sf9 cells. *Plant J*. 2015 Jun;82(6):991-1003.

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

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