

Catalog # 10-1147

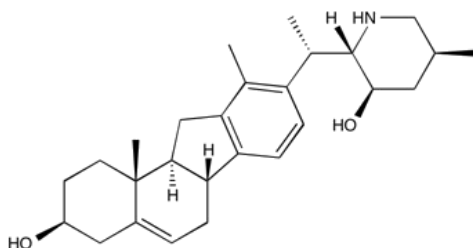
Veratramine

(3 β , 23 β)-14,15,16,17-Tetrahydroveratraman-3,23-diol

NSC 17821; NSC 23880

CAS# 60-70-8

Lot # X101419



Veratramine is a teratogenic steroidal alkaloid found in the corn lily (*Veratrum sp.*)^{1,2}. It is an analog of cyclopamine which can inhibit the hedgehog signaling pathway-dependent proliferation in NIH/3T3 cells at 8 μ M¹. Cell permeable. SPECIAL HANDLING PRECAUTIONS: This product is teratogenic. Women who are, or may be pregnant should not handle this compound.

- 1) Tang *et al.* (2010), *Antitumor and antiplatelet activity of alkaloids from veratrum dahuricum*; *Phytother. Res.*, **24** 821
- 2) Mahindroo *et al.* (2009), *Hedgehog-Gli signaling pathway inhibitors as anticancer agents*; *J. Med. Chem.*, **52** 3829

PHYSICAL DATA

Molecular Weight:	409.60
Molecular Formula:	C ₂₇ H ₃₉ NO ₂
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 12 mg/ml) or Ethanol (up to 10 mg/ml))
Physical Description:	Tan solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 3 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

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