



Product Information

Product ID V1868

CAS No. 60-70-8

Chemical Name

Synonym

Formula $C_{27}H_{39}NO_2$

Formula Wt. 409.60

Melting Point 206-208C

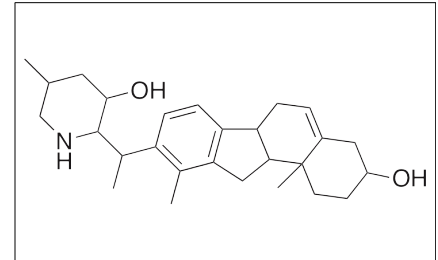
Purity $\geq 98\%$

Solubility Soluble in Ethanol and
Methanol

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Veratramine is a steroidal alkaloid found in species of *Veratrum* and *Fritillaria*. Veratramine inhibits the hedgehog signaling pathway in vitro, indicating potential anticancer chemotherapeutic benefit. Veratramine also exhibits neuromodulatory and antihypertensive activities. In frontal cortex slices, veratramine evokes release of 5-HT and also inhibits reuptake of 5-HT. In hypertensive rats, oral veratramine decreases blood pressure.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
V1868	1 mg	\$54.30
V1868	5 mg	\$71.30
V1868	25 mg	\$142.80
V1868	100 mg	\$378.00

References Tang J, Li HL, Shen YH, et al. Antitumor and antiplatelet activity of alkaloids from *veratrum dahuricum*. *Phytother Res.* 2010 Jun;24(6):821-6. PMID: 20013819.

Wang L, Li W, Liu Y. Hypotensive effect and toxicology of total alkaloids and veratramine from roots and rhizomes of *Veratrum nigrum* L. in spontaneously hypertensive rats. *Pharmazie.* 2008 Aug;63(8):606-10. PMID: 18771011.

Nagata R, Izumi K. Veratramine-induced behavior associated with serotonergic hyperfunction in mice. *Jpn J Pharmacol.* 1991 Jan;55(1):129-37. PMID: 1710297.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.