



Product Information

Product ID V1868

CAS No. 60-70-8

Chemical Name 2-[1-(3-hydroxy-10,11b-dimethyl-1,2,3,4,6,6a,11,11a-octahydrobenzo[a]fluoren-9-yl)ethyl]-5-methylpiperidin-3-ol

Synonym

Formula C₂₇H₃₉NO₂

Formula Wt. 409.60

Melting Point 206-208C

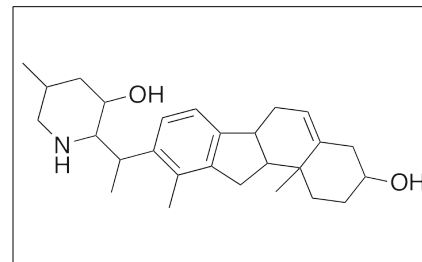
Purity ≥98%

Solubility Soluble in Ethanol and Methanol

Store Temp -20°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	\$59.90
V1868	5 mg	\$78.60
V1868	25 mg	\$157.40
V1868	100 mg	\$416.70

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.