

PRODUCT: Veratridine

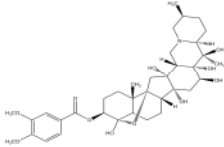
Aconitine (Cat. No. 2423-10, 50)
Mambalgin-1 (Cat. No. 2421-50, 100)

ALTERNATE NAME: 4 α ,9-Epoxy-3 β -veratroyloxy-5 β -cevan-4 β ,12,14,16 β ,17,20-hexaol

CATALOG #: 2422-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₆H₅₁NO₁₁

MOLECULAR WEIGHT: 673.79

CAS NUMBER: 71-62-5

APPEARANCE: White solid

SOLUBILITY: DMSO (~25 mg/ml) or EtOH (~ 25 mg/ml)

PURITY: \geq 98% by HPLC

STORAGE: At -20°C. Protect from light and air

DESCRIPTION: Veratridine is a steroidal alkaloid. Voltage-gated Na⁺ channel opener. May be used to increase Na⁺ concentration in cardiomyocytes and in cultured sympathetic neurons.

REFERENCE: Fekete, A., *et al.* (2009). *J. Neurochem.* **111**, 745-756;
Maroto, R., *et al.* (1994). *Eur. J. Pharmacol.* **270**, 331-339.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**