

## Veratramine, Cyclopamine analog

Catalog	Unit
TBI1147-5MG	5 mg
TBI1147-25MG	25 mg

### Product Details

**Formal Name:** (3 $\beta$ , 23 $\beta$ )-14,15,16,17-Tetrahydroveratraman-3,23-diol

**Alternate Names:** NSC 17821; NSC 23880

**Molecular Formula:** C<sub>27</sub>H<sub>39</sub>NO<sub>2</sub>

**Formula Weight:** 409.60

**CAS Number:** 60-70-8

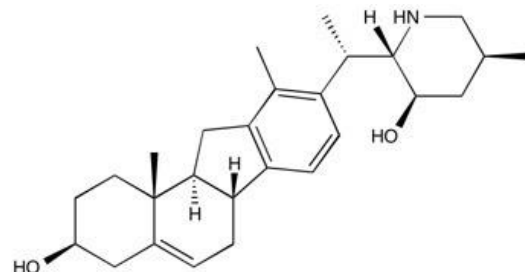
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 12 mg/ml) or in Ethanol (up to 10 mg/ml)

**Storage:** -20°C

**Stability:**  $\geq$  2 years.



### Applications

Cyclopamine analog

### Functions

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

### Application Procedures

First dissolved in DMSO (up to 12 mg/ml) or in Ethanol (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

**For research use only.**