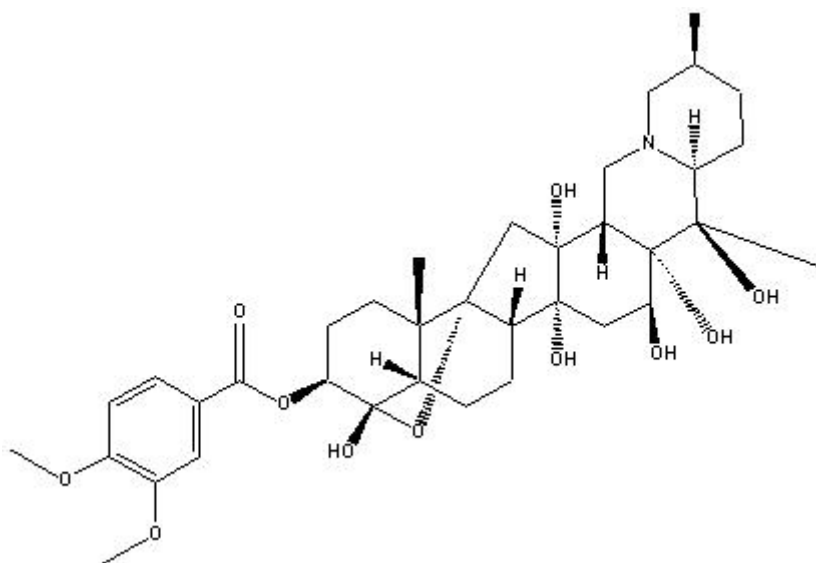


TECHNICAL INFORMATION

Catalog Number: 159007
Veratridine

Structure:



Molecular Formula: C₃₆H₅₁NO₁₁

Molecular Weight: 673.8

CAS # : 71-62-5

Synonyms: 3-Veratroylveracevine; (3b, 4a,16b)-4,9-epoxycevine- 3, 4, 12, 14, 16, 17, 20-heptol 3-(3,4-dimethoxybenoate)

Purity: 98%

Description: Na⁺ channel activator. Acts at neurotoxin receptor site 2 and preferentially binds to activated Na⁺ channels causing persistent activation. Prevents inactivation and shifts activation to more negative potentials. ^{1,4}

Solubility: Soluble in ethanol (50 mg/ml - clear, light yellow solution) and DMSO (25 mg/ml) ; slightly insoluble in ether; insoluble in water. Store solutions aliquoted at -20°C for up to 3 months.

References:

- Leibowitz, M.D., et al., *J. Gen. Physiol.*, **v. 87**, 25 (1986).
- Sutro, J.B., *J. Gen. Physiol.*, **v. 87**, 1 (1986).
- Rando, T.A., et al., *J. Pharmacol. Exp. Ther.*, **v. 29**, 467 (1986).
- Rando, T.A., *J. Gen. Physiol.*, **v. 93**, 43 (1989).