

## Product Information

### Talatisamine

**Cat. No.:** X23-04-XQ293

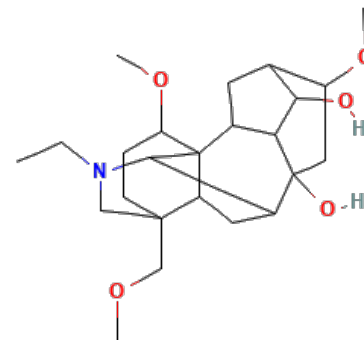
**Size:** 20 mg; 50 mg; 100 mg; 200 mg

**CAS Number:** 20501-56-8

**Compound CID:** 159891

**Synonym:** 20501-56-8; Talatisamine; Talatizamine; 20-Ethyl-1- $\alpha$ ,16- $\beta$ -dimethoxy-4-(methoxymethyl)aconitane-8,14- $\alpha$ -diol

**This product is for research use only and is not intended for diagnostic use.**



### Product Information

<b>Description</b>	Talatisamine, a delphinine type alkaloid, is a newly identified K ion channel blocker with hypotensive and antiarrhythmic activities.
<b>Molecular Weight</b>	421.58
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>39</sub> NO <sub>5</sub>
<b>IUPAC Name</b>	11-Ethyl-6,16-dimethoxy-13-(methoxymethyl)-11-azahexacyclo[7.7.2.12,5.01,10.03,8.013,17]nonadecane-4,8-diol
<b>InChI</b>	InChI=1S/C24H39NO5/c1-5-25-11-22(12-28-2)7-6-18(30-4)24-14-8-13-16(29-3)10-23(27,19(14)20(13)26)15(21(24)25)9-17(22)24/h13-21,26-27H,5-12H2,1-4H3
<b>InChI Key</b>	BDCURAWBZJMFJK-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CCN1CC2(CCC(C34C2CC(C31)C5(CC(C6CC4C5C6O)OC)O)OC)COC
<b>Source</b>	The daughter root of <i>Aconitum carmichaeli debx</i>
<b>Form</b>	White powder or crystal
<b>Purity</b>	>98%, determined by HPLC.
<b>Solubility</b>	It is soluble in methanol, aqueous acid.
<b>Identity</b>	Confirmed by NMR and MS.
<b>Stability</b>	The product is stable for two years when stored at the recommended temperature.
<b>Applications</b>	Talatisamine can be used for analgesic and anti-inflammatory property experiments, etc.
<b>Storage</b>	Store at 4°C. Protect from light.



---

## Safety Information

**Personal Protective Equipment**      Gloves, eyeshields, N95 mask

---