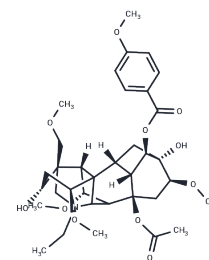


Yunaconitine

Chemical Properties

CAS No. :	70578-24-4
Formula:	C35H49NO11
Molecular Weight:	659.76
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Yunaconitine (Guayewuanine B) has anti-inflammatory and analgesic actions. 2. Yunaconitine was shown to have anti-thermic effect in pyrexial rats when administered orally at a dose of 5 µg/kg. 3. Yunaconitine shows positive effect in the granuloma inhibition test when it was subcutaneously injected, 1 µg/kg for 6 d, or added directly to the cotton-pellet. 4. Yunaconitine inhibited the increased vascular permeability caused by acetic acid and histamine, the leucocyte migratory response induced by injection of 1 % carrageenin .1 ml in rat's thoracic cavity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 9 mg/mL (13.64 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5157 mL	7.5785 mL	15.157 mL
5 mM	0.3031 mL	1.5157 mL	3.0314 mL
10 mM	0.1516 mL	0.7579 mL	1.5157 mL
50 mM	0.0303 mL	0.1516 mL	0.3031 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Zhi-Gong L , Wen C , Xi-Can T . Anti-inflammatory and analgesic actions of yunaconitine[J]. Chinese Journal of Pharmacology & Toxicology, 1987.

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