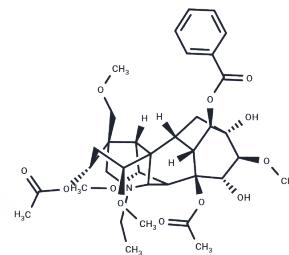


Flaconitine

Chemical Properties

CAS No. :	77181-26-1
Formula:	C ₃₆ H ₄₉ NO ₁₂
Molecular Weight:	687.77
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Flaconitine (Acetylaconitine) is an NF-κB inhibitor and an alkaloid.
Targets(IC50)	NF-κB

Solubility Information

Solubility	DMSO: 10 mg/mL (14.54 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	1.454 mL	7.2699 mL	14.5397 mL
5 mM	0.2908 mL	1.454 mL	2.9079 mL
10 mM	0.1454 mL	0.727 mL	1.454 mL
50 mM	0.0291 mL	0.1454 mL	0.2908 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

Wang Y , Zhang J , Tian H , et al. [Study on processing principle of Aconitum pendulum].[J]. China Journal of Chinese Materia Medica, 2010, 35(5):588-592.

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