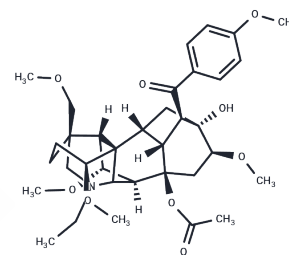


Bulleyaconitine A

Chemical Properties

CAS No. :	107668-79-1
Formula:	C ₃₅ H ₄₉ N ₉ O ₉
Molecular Weight:	627.76
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Bulleyaconitine A (Bulleyaconitine A), an analgesic and anti-inflammatory drug isolated from Aconitum plants, has several potential targets, such as voltage-gated Na ⁺ channels.
Targets(IC50)	Sodium Channel

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (3.19 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.593 mL	7.9648 mL	15.9297 mL
5 mM	0.3186 mL	1.593 mL	3.1859 mL
10 mM	0.1593 mL	0.7965 mL	1.593 mL
50 mM	0.0319 mL	0.1593 mL	0.3186 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Wang CF, et al. Anesth Analg. 2008 Oct;107(4):1397-405.

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