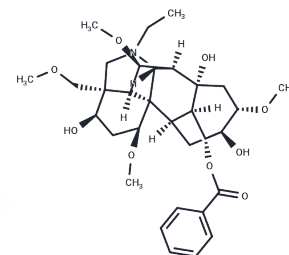


## Ludaconitine

## Chemical Properties

CAS No. :	82144-72-7
Formula:	C <sub>32</sub> H <sub>45</sub> NO <sub>9</sub>
Molecular Weight:	587.71
Storage:	Keep away from direct sunlight, Store under nitrogen Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Ludaconitine is a natural product discovered in <i>Aconitum spicatum</i> , exhibiting anti-Leishmania activity (IC <sub>50</sub> = 36.10 µg/mL).
Targets(IC50)	Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7015 mL	8.5076 mL	17.0152 mL
5 mM	0.3403 mL	1.7015 mL	3.403 mL
10 mM	0.1702 mL	0.8508 mL	1.7015 mL
50 mM	0.034 mL	0.1702 mL	0.3403 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

Shyaula SL, et al. Antileishmanial diterpenoid alkaloids from *Aconitum spicatum* (Bruhl) Stapf. *Nat Prod Res.* 2016 Nov;30(22):2590-2593.

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