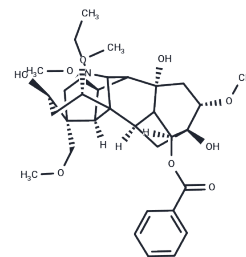


Ludaconitine

Chemical Properties

CAS No. : 82144-72-7
Formula: C₃₂H₄₅NO₉
Molecular Weight: 587.71
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ludaconitine, isolated from <i>Aconitum spicatum</i> (Bruhl) Stapf, exhibits antileishmanial activity with an IC ₅₀ of 36.10 µg/mL.
Targets(IC ₅₀)	Others

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.

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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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481