
Product Data Sheet

Product Name: Ludaconitine

Cat. No.: GC36493

Chemical Properties

Cas. No. 82144-72-7

SMILES CO[C@@H]1C23[C@@]4([H])[C@](COC)(CN(CC)C2C([C@]5(O)[C@]6([H])[C@@]3([H])C[C@](O)([C@@H](OC)C5)[C@@H]6OC(C7=CC=CC=C7)=O)[C@@H]4OC)[C@H](O)C1

Formula C₃₂H₄₅NO₉ M.Wt 587.7

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Ludaconitine, isolated from *Aconitum spicatum* (Bruhl) Stapf, exhibits antileishmanial activity with an IC₅₀ of 36.10 µg/mL [1].

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

Caution: Product has not been fully validated for medical applications. For research use only.

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