
Product Data Sheet

Product Name: mesaconine

Cat. No.: GN10162

Chemical Properties

Cas. No. 6792-09-2

Chemical Name (3S,4R,6S,7R,7aR,8R,9R,10S,11S,11aR,13R)-6,10,13-trimethoxy-3-(methoxymethyl)-1-methyltetradecahydro-1H-3,6a,12-(epiethane[1,1,2]triyI)-7,9-methanonaphtho[2,3-b]azocine-4,8,9,11,11a-pentaol

SMILES CO[C@@H]1[C@]2(O)[C@H](O)[C@]([C@@]3([H])C2)([H])[C@@]([C@H]1O)(O)C4[C@H](OC)C5[C@@]6(COC)CN(C)C4C35[C@@H](OC)C[C@H]6O

Formula C₂₄H₃₉NO₉ M.Wt 485.57

Solubility DMSO : 100 mg/mL (205.94 mM; Need ultrasonic) Storage

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**

Mesaconinean, an ingredient from *Aconitum carmichaelii* Debx., has cardiac effect[1].

References:

[1]. Liu X, et al. The in vivo pharmacokinetics, tissue distribution and excretion investigation of mesaconine in rats and its in vitro intestinal absorption study using UPLC-MS/MS. *Xenobiotica*. 2019 Jan;49(1):71-79.

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

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