
Product Data Sheet

Product Name: Beiwutine

Cat. No.: GC60631

Chemical Properties

Cas. No. 76918-93-9

SMILES O[C@]([C@H](C1([H])OC(C2=CC=CC=C2)=O)[C@@]3([C@H]4O)OC(C)=O)(C[C@@]1([C@H]4OC)O)C(C(N5C)C3[C@@H]6OC)([C@H](C[C@H]7O)OC)[C@@]6([H])[C@@]7(C5)COC

Formula C₃₃H₄₅NO₁₂

M.Wt 647.71

Solubility DMSO : 100 mg/mL (154.39 mM; Need ultrasonic) 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**

Beiwutine (10-Hydroxy mesaconitine) is a diester diterpenoid alkaloid[1].

[1]. Ke Zan, et al. [Content determination of four diester diterpenoid alkaloids in leaves of Aconitum kusnezoffii by HPLC]. Zhongguo Zhong Yao Za Zhi. 2018 Feb;43(4):766-771. Zhongguo Zhong Yao Za Zhi. 2018 Feb;43(4):766-771.

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

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