
Product Data Sheet

Product Name: Dehydrocavidine

Cat. No.: GC38611

Chemical Properties

Cas. No. 83218-34-2

SMILES CC1=C2C3=C(C=C[N+]2)CC4=C1C=CC5=C4OCO5)C=C(OC)C(OC)=C3Formula $C_{21}H_{18}NO_4^+$ M.Wt 348.37

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**

Dehydrocavidine, a main active ingredient of *Corydalis saxicola* Bunting (Yanhuanglian), displays antinociceptive, hepatoprotective, and spasmolytic activities. Dehydrocavidine kills hepatitis viruses and promotes regeneration of hepatocytes[1].

[1]. Wang T, et al. Protective effects of dehydrocavidine on carbon tetrachloride-induced acute hepatotoxicity in rats. *J Ethnopharmacol.* 2008 May 8;117(2):300-8.

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

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