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**Product Data Sheet**

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Product Name: (+)- Corydaline

Cat. No.: GN10155

**Chemical Properties**

Cas. No. 518-69-4

Chemical Name (13S,13aR)-2,3,9,10-tetramethoxy-13-methyl-6,8,13,13a-tetrahydro-5H-isoquinolino[2,1-b]isoquinoline

SMILES CC1C2C3=CC(=C(C=C3CCN2CC4=C1C=CC(=C4OC)OC)OC)OCFormula  $C_{22}H_{27}NO_4$  M.Wt 369.44Solubility  $\geq 50\text{mg/ml}$  in DMSO Storage Store at  $-20^{\circ}\text{C}$ 

General tips For obtaining a higher solubility, please warm the tube at  $37^{\circ}\text{C}$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}\text{C}$  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**

Corydaline is an acetylcholinesterase inhibitor isolated from *Corydalis yanhusuo*.

References:

[1]. Xiao HT, et al. Acetylcholinesterase inhibitors from *Corydalis yanhusuo*. *Nat Prod Res.* 2011 Sep;25(15):1418-22.

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

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