

## Product Data Sheet

Product Name: Armepavine

Cat. No.: GC35394

### Chemical Properties

Cas. No. 524-20-9

SMILES OC(C=C1)=CC=C1C[C@@H]2C3=CC(OC)=C(OC)C=C3CCN2C

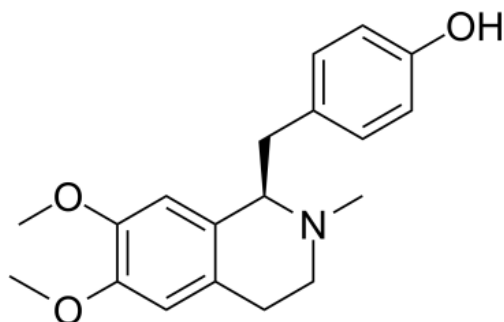
Formula  $C_{19}H_{23}NO_3$  M.Wt 313.39

Solubility Soluble in DMSO Storage 4°C, protect from light

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

Armepavine, an active compound from *Nelumbo nucifera*, exerts not only anti-inflammatory effects on human peripheral blood mononuclear cells, but also immunosuppressive effects on T lymphocytes and on lupus nephritic mice. Armepavine inhibits TNF- $\alpha$ -induced MAPK and NF- $\kappa$ B signaling cascades[1]. p65

[1]. Weng TC, et al. Inhibitory effects of armepavine against hepatic fibrosis in rats. J Biomed Sci. 2009 Sep 2;16:78.

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

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