

Product Data Sheet

Product Name: Lycorine
Cat. No.: GC38967

Chemical Properties

Cas. No. 476-28-8

SMILES O[C@@H]1[C@@H](O)C=C(CC2)[C@@]3([H])N2CC4=C([C@@]31[H])C=C(OCO5)C5=C4

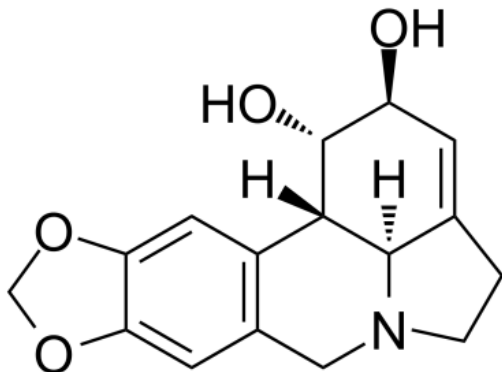
Formula $C_{16}H_{17}NO_4$ M.Wt 287.31

Solubility DMSO: 25 mg/mL (87.01 mM) Storage Store at -20°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

Lycorine is a natural alkaloid extracted from the Amaryllidaceae plant family with antiviral, antimalarial and antiinflammation activities. Lycorine inhibits the growth and metastasis of hormone-refractory anti-prostate cancer (PCa) and induces cell apoptosis[1].

[1]. Hu M, et al. Lycorine is a novel inhibitor of the growth and metastasis of hormone-refractory prostate cancer. *Oncotarget*. 2015 Jun 20;6(17):15348-61.

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

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