
Product Data Sheet

Product Name: Lysergol
Cat. No.: GC38415

Chemical Properties

Cas. No. 602-85-7

SMILES CN1[C@@](C2)([H])C(C3=CC=CC4=C3C2=CN4)=C[C@@H](CO)C1

Formula $C_{16}H_{18}N_2O$ M.Wt 254.33

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

Lysergol, a clavine alkaloid isolated from seeds of *Ipomoea muricata*, is a bioenhancer for the drugs and nutrients and has antibacterial activity. Lysergol has been used as hypotensive, psychotropic analgesic and uterus- and intestine-stimulating drug[1][2].

[1]. Maurya A, et al. Antibacterial and synergy of clavine alkaloid lysergol and its derivatives against nalidixic acid-resistant *Escherichia coli*. *Chem Biol Drug Des.* 2013 Apr;81(4):484-90. [2]. Maurya A, et al. Quantitative determination of bioactive alkaloids lysergol and chanoclavine in *Ipomoea muricata* by reversed-phase high-performance liquid chromatography. *Biomed Chromatogr.* 2012 Sep;26(9):1096-100.

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

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