
Product Data Sheet

Product Name: Lehmannine

Cat. No.: GC68401

Chemical Properties

Cas. No. 58480-54-9

Formula $C_{15}H_{22}N_2O$

M.Wt 246.35

Solubility DMSO : 50 mg/mL (202.96 mM; ultrasonic and warming and heat to 60°C)

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**

Lehmannine is a quinolizidine **bioalkaloid** isolated from *S. alopecuroides* L, has antibacterial, anti-inflammatory and anti-tumor activities^[1].

[1]. Gang Zhao, et al. An HPLC method for the determination and pharmacokinetic study of lehmannine in rat plasma. Biomed Chromatogr. 2008 Oct;22(10):1149-54.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
