
Product Data Sheet

Product Name: Celosin I
Cat. No.: GC35649

Chemical Properties

Cas. No. 1807732-38-2

Formula $C_{53}H_{82}O_{24}$ M.Wt 1103.2

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

Celosin I, an oleanane-type triterpenoid saponin isolated from the seeds of *Celosia argentea* L, could be used as chemical markers for the quality control of *C. argentea* seeds. Celosin I exhibits significant hepatoprotective effect on carbon tetrachloride-induced and N,N-dimethylformamide-induced hepatotoxicity in mice[1][2].

[1]. Wu QB, et al. Novel triterpenoid saponins from the seeds of *Celosia argentea* L. *Nat Prod Res.* 2013 Aug;27(15):1353-60. [2]. Pang X, et al. New oleanane-type triterpenoid saponins isolated from the seeds of *Celosia argentea*. *J Asian Nat Prod Res.* 2014;16(3):240-7.

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