

Product Data Sheet

Product Name: Lactupicrin

Cat. No.: GC63939

Chemical Properties

Cas. No. 65725-11-3

Formula C₂₃H₂₂O₇

M.Wt 410.42

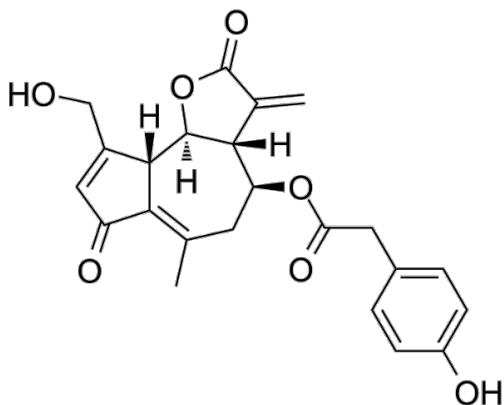
Solubility DMSO : 250 mg/mL (609.13 mM;
Need ultrasonic)

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

Lactupicrin (Lactucopicrin) is a characteristic bitter sesquiterpene lactone that can relieve pain. Lactupicrin exhibits atheroprotective effect [1][2].

[1]. Wesołowska A, et, al. Analgesic and sedative activities of lactucin and some lactucin-like guaianolides in mice. J Ethnopharmacol. 2006 Sep 19;107(2):254-8.

[2]. Li Q, et, al. Terpene Lactucopicrin Limits Macrophage Foam Cell Formation by a Reduction of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 in Lipid Rafts. Mol Nutr Food Res. 2022

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

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Feb;66(4):e2100905.

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