

Product Data Sheet

Product Name: Macranthoidin A

Cat. No.: GC39402

Chemical Properties

Cas. No. 140360-29-8

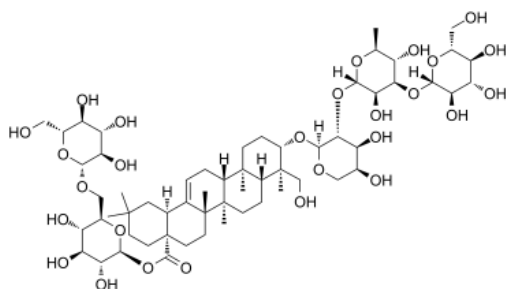
Formula $C_{59}H_{96}O_{27}$ M.Wt 1237.38

Solubility DMSO : 100 mg/mL (80.82 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



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

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

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Background

Macranthoidin A is an orally active saponin from Flos Lonicerae. Macranthoidin A possess protection effects on hepatic injury caused by Acetaminophen, Cd, and CCl₄, and conspicuous depressant effects on swelling of ear croton oil[1].

[1]. Chen CY, et al. Liquid chromatography-mass spectrometry analysis of macranthoidin B, macranthoidin A, dipsacoside B, and macranthoside B in rat plasma for the pharmacokinetic investigation. J Chromatogr B Analyt Technol Biomed Life Sci. 2009 Jan 15;877(3):159-65.

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