

Product Data Sheet

Product Name: Bacopaside I

Cat. No.: GC35457

Chemical Properties

Cas. No. 382148-47-2

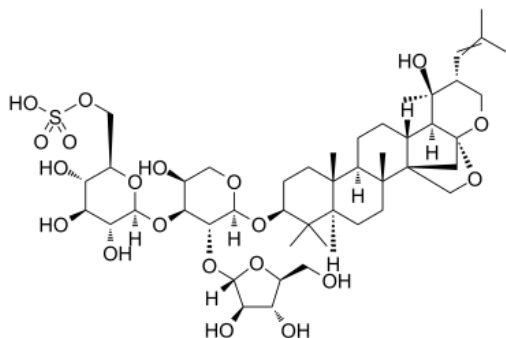
Formula $C_{46}H_{74}O_{20}S$ M.Wt 979.13

Solubility DMSO : 100 mg/mL (102.13 mM; Storage Store at -20°C
Need ultrasonic)

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

Bacopaside I, a saponin isolated from *Bacopa monniera*, exhibits antioxidant properties and free

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

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radical scavenging capacity and exerts antidepressant-like effect[1].

[1]. Chakravarty AK, et al. Bacopaside I and II: two pseudojubilogenin glycosides from *Bacopa monniera*. *Phytochemistry*. 2001 Oct;58(4):553-6. [2]. Liu X, et al. The antidepressant-like effect of bacopaside I: possible involvement of the oxidative stress system and the noradrenergic system. *Pharmacol Biochem Behav*. 2013 Sep;110:224-30.

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