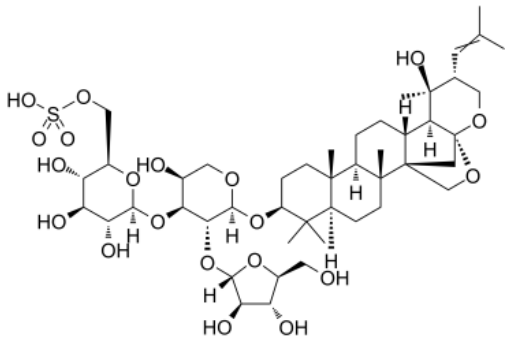
Product Data Sheet

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; 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

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

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

[1]. Chakravarty AK, et al. Bacopaside I and II: two pseudojujubogenin 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.

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