
Product Data Sheet

Product Name: Cauloside A

Cat. No.: GC60100

Chemical Properties

Cas. No. 17184-21-3

SMILES C[C@@]1(CC[C@@]2([H])[C@]3(C)CO)[C@@](CC=C([C@]4([H])CC5(C)C)[C@]1(CC[C@]4(CC5)C(O)=O)C)([H])[C@]2(CC[C@@H]3O[C@H](OC[C@@H]6O)[C@@H]([C@H]6O)O)C

Formula C₃₅H₅₆O₈ M.Wt 604.81

Solubility Storage Store at 2-8°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**

Cauloside A (Leontoside A) is a saponin isolated from *Dipsacus asper* roots. Cauloside A has potent antifungal activity[1][2].

[1]. Nam Hee Choi, et al. Antifungal activity of sterols and dipsacus saponins isolated from *Dipsacus asper* roots against phytopathogenic fungi. *Pestic Biochem Physiol.* 2017 Sep;141:103-108. [2]. Sandipan Datta, et al. Toxins in botanical dietary supplements: blue cohosh components disrupt cellular respiration and mitochondrial membrane potential. *J Nat Prod.* 2014 Jan 24;77(1):111-7.

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

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