
Product Data Sheet

Product Name: Hosenkoside G

Cat. No.: GC36252

Chemical Properties

Cas. No. 160896-46-8

SMILES C[C@@]([C@@]1(CC[C@@]2(CO)CC/C=C(C)\CO)C)(CC[C@@]3([H])[C@]4(C)CO[C@@H]([C@@H]([C@@H](O)[C@@H]5O)O)O[C@@H]5CO)[C@@](CC[C@]1([H])[C@H]2O)([H])[C@]3(CC[C@@H]4O[C@@](O[C@H](CO)[C@@H](O)[C@@H]6O)([H])[C@@H]6O[C@@](OC[C@@H](O)[C@@H]7O)([H])[C@H]7O)C

Formula C₄₇H₈₀O₁₉ M.Wt 949.13

Solubility Soluble in DMSO 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**

Hosenkoside G, a baccharane glycoside isolated from the seeds of *Impatiens Balsamina* L., possesses anti-tumor activity [1][2].

[1]. Noboru SHOJI, et al. Hosenkosides F, G, H, I, J, and K, Novel Baccharane Glycosides from the Seeds of *Impatiens balsamina*. *Chem Pharm Bull.* 42(7) 1422-1426 (1944). [2]. Qian Wu, et al. Two new baccharane glycosides from seeds of *Impatiens balsamina* L. with in vitro growth inhibitory activity in human cancer A375 cells. *Chemical Research in Chinese Universities.* 2017 Oct.

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

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