

## Product Data Sheet

Product Name: Batatasin III

Cat. No.: GC64377

### Chemical Properties

Cas. No. 56684-87-8

Formula C<sub>15</sub>H<sub>16</sub>O<sub>3</sub>

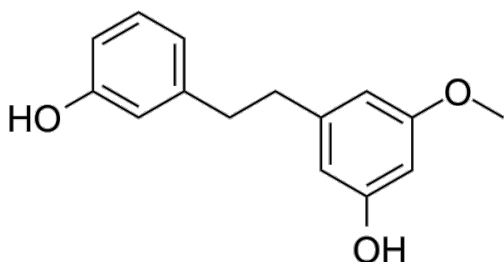
M.Wt 244.29

Solubility Storage 4°C, away from moisture and light

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

Batatasin III, a stilbenoid, inhibits cancer migration and invasion by suppressing epithelial to mesenchymal transition (EMT) and FAK-AKT signals. Batatasin III has anti-cancer activities[1].

Batatasin III (25-100 µM; 48 h) exhibits anti-proliferative activity in H460 cells. Batatasin III at concentrations lower than 100 µM has no cytotoxic effects[1]. Batatasin III significantly suppresses EMT indicated by the decrease of N-cadherin and Vimentin, and up-regulation of E-cadherin[1].

[1]. Tatchakorn Pinkhien, et al. Batatasin III Inhibits Migration of Human Lung Cancer Cells by Suppressing Epithelial to Mesenchymal Transition and FAK-AKT Signals. Anticancer Res. 2017

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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

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Nov;37(11):6281-6289.

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