

## Product Data Sheet

Product Name: Ternatumoside II

Cat. No.: GC71401

### Chemical Properties

Cas. No. 1473419-87-2

Formula  $C_{27}H_{30}O_{15}$

M.Wt 594.52

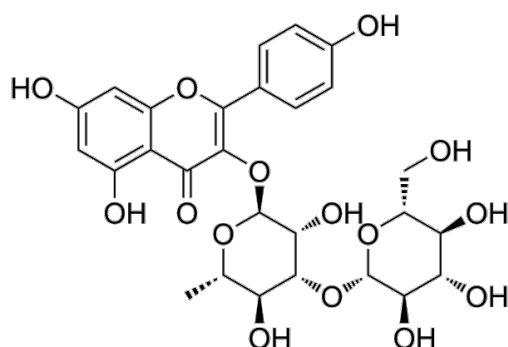
Solubility

Storage

**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

Ternatumoside II is a flavonoid glycoside that can be isolated from *R. crenulata*. Ternatumoside II can stimulate IFN- $\gamma$  expression. Ternatumoside II has radical-scavenging activities (IC<sub>50</sub>s: 260.5  $\mu$ M and 320.2  $\mu$ M for DPPH and ABTS).

References:

[1]. Zhou JT, et al. Phenolic Compounds from the Roots of *Rhodiola crenulata* and Their Antioxidant and Inducing IFN- $\gamma$  Production Activities. *Molecules*. 2015 Jul 28;20(8):13725-39.

**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