

Product Data Sheet

Product Name: Condurango glycoside A

Cat. No.: GC74256

Chemical Properties

Cas. No. 11051-90-4

Formula $C_{53}H_{78}O_{17}$

M.Wt 987.18

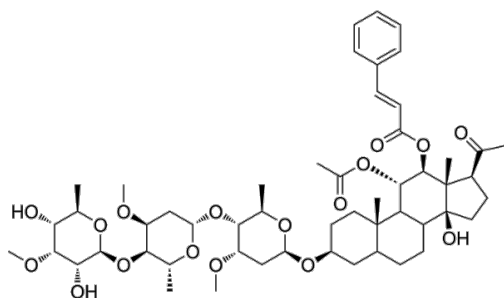
Solubility H_2O : 1 mg/mL (1.01 mM; Need ultrasonic and warming)

Storage 4°C, protect from 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

Condurango glycoside A is an activator of p53. Condurango glycoside A initiates ROS generation and up-regulates p53 expression. Condurango glycoside A induces apoptosis and pre-mature senescence associated with DNA damage in HeLa cells.

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

Product Data Sheet

References:

[1]. Bishayee K, et al. Condurango-glycoside-A fraction of Gonolobus condurango induces DNA damage associated senescence and apoptosis via ROS-dependent p53 signalling pathway in HeLa cells. Mol Cell Biochem. 2013 Oct;382(1-2):173-83.

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