
Product Data Sheet

Product Name: α -Solanine

Cat. No.: GC63941

Chemical Properties

Cas. No. 20562-02-1

Formula $C_{45}H_{73}NO_{15}$ M.Wt 868.06Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

α -solanine, a bioactive component and one of the major steroidal glycoalkaloids in potatoes, has been observed to inhibit growth and induce apoptosis in cancer cells[1].

[1]. Lei Wang , et al. Inhibitory Effect of α -Solanine on Esophageal Carcinoma in vitro. Exp Ther Med. 2016 Sep;12(3):1525-1530.

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

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