

Product Data Sheet

Product Name: Isoliquiritin apioside

Cat. No.: GC39095

Chemical Properties

Cas. No. 120926-46-7

SMILES O=C(C1=C(C=C(O)C=C1)O)/C=C/C(C=C2)=CC=C2O[C@H](O[C@H](CO)[C@@H](O)[C@@H]3O)[C@]3([H])O[C@H]4[C@@H]([C@](CO)(O)CO4)O

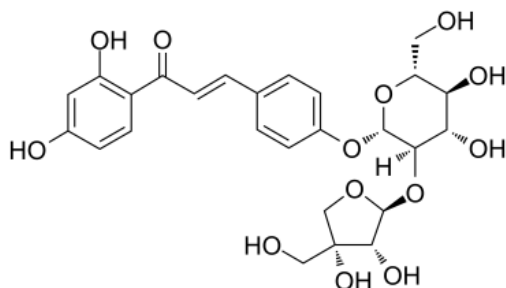
Formula $C_{26}H_{30}O_{13}$ M.Wt 550.51

Solubility Soluble in DMSO Storage -20°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

Isoliquiritin apioside, a component isolated from Glycyrrhizae radix rhizome, significantly decreases PMA-induced increases in MMP9 activities and suppresses PMA-induced activation of MAPK and NF- κ B. Isoliquiritin apioside suppresses invasiveness and angiogenesis of cancer cells and endothelial cells[1].

[1]. Kim A1, et al. Isoliquiritin Apioside Suppresses in vitro Invasiveness and Angiogenesis of Cancer

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

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Cells and Endothelial Cells.Front Pharmacol. 2018 Dec 10;9:1455.

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