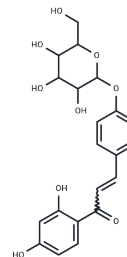


Neoisoliquiritin

Chemical Properties

CAS No. :	7014-39-3
Formula:	C ₂₁ H ₂₂ O ₉
Molecular Weight:	418.398
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Isoliquiritin, isolated from <i>Spatholobus suberectus</i> , inhibits cell proliferation and induces cell apoptosis in breast cancer by directly binding to GRP78 to regulate the β -catenin pathway.
Targets(IC50)	Others
In vitro	Neoisoliquiritigenin Inhibits Tumor Progression by Targeting GRP78- β - catenin Signaling in Breast Cancer.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3901 mL	11.9503 mL	23.9006 mL
5 mM	0.478 mL	2.3901 mL	4.7801 mL
10 mM	0.239 mL	1.195 mL	2.3901 mL
50 mM	0.0478 mL	0.239 mL	0.478 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Tang H, et al. Neisoliquiritigenin Inhibits Tumor Progression by Targeting GRP78- β - catenin Signaling in Breast Cancer. *CurrCancerDrug Targets*. 2018;18(4):390-399.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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