
Product Data Sheet

Product Name: Neoisoliquiritigenin

Cat. No.: GC38981

Chemical Properties

Cas. No. 7014-39-3

SMILES O=C(C(C=CC(O)=C1)=C1O)/C=C/C2=CC=C(C=C2)O[C@H]3O[C@@H](CO)[C@H](O)[C@@H](O)[C@@H]3OFormula C₂₁H₂₂O₉ M.Wt 418.39

Solubility Soluble in DMSO Storage Store at -20°C

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**

Neoisoliquiritigenin, isolated from *Spatholobus suberectus*, inhibits cell proliferation and induced cell apoptosis in breast cancer by directly binding to GRP78 to regulate the β -catenin pathway[1][2].

[1]. Tang H, et al. Neoisoliquiritigenin Inhibits Tumor Progression by Targeting GRP78- β -catenin Signaling in Breast Cancer. *Curr Cancer Drug Targets*. 2018;18(4):390-399.

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

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