
Product Data Sheet

Product Name: Secologanoside

Cat. No.: GC37618

Chemical Properties

Cas. No. 59472-23-0

SMILES C=C[C@H]([C@@H](C(C(O)=O)=CO1)CC(O)=O)[C@]1([H])O[C@@H]2O[C@@H]([C@@H](O)[C@H](O)[C@H]2O)COFormula $C_{16}H_{22}O_{11}$ M.Wt 390.34Solubility H_2O : 25 mg/mL (64.05 mM; Need ultrasonic) 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**

Secologanoside is a triterpenoid isolated from *Poraqueiba sericea*, weakly inhibits elastase with an IC_{50} of $164 \mu g/mL$. Secologanoside is moderate cytotoxic to fibroblasts[1].

[1]. Zebiri I, et al. Biological activities of triterpenoids from *Poraqueiba sericea* stems. *Nat Prod Res.* 2017 Jun;31(11):1333-1338.

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

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