
Product Data Sheet

Product Name: 6'-O-beta-D-Glucosylgentiopicroside

Cat. No.: GC35182

Chemical Properties

Cas. No. 115713-06-9

SMILES C=C[C@@H]([C@@H]1O[C@]([C@@H]([C@@H](O)[C@@H]2O)O)O)O[C@@H]2CO[C@@H]([C@@H]([C@@H](O)[C@@H]3O)O)O[C@@H]3CO)C(C4=CO1)=CCOC4=O

Formula C₂₂H₃₀O₁₄

M.Wt 518.47

Solubility DMSO : 100 mg/mL (192.88 mM; Need ultrasonic) 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**

6'-O-beta-D-Glucosylgentiopicroside is a secoiridoid isolated from the roots of *G. straminea*. 6'-O-beta-D-Glucosylgentiopicroside strongly suppresses N-formyl-methionyl-leucyl-phenylalanine (fMLP)-induced superoxide generation[1].

[1]. Wei S, et al. Inhibitory effects of secoiridoids from the roots of *Gentiana straminea* on stimulus-induced superoxide generation, phosphorylation and translocation of cytosolic compounds to plasma membrane in human neutrophils. *Phytother Res.* 2012 Feb;26(2):168-73.

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

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