
Product Data Sheet

Product Name: Regaloside B

Cat. No.: GC61235

Chemical Properties

Cas. No. 114420-67-6

SMILES O[C@H]([C@H]([C@@H]([C@@H](CO)O1)O)O)[C@@H]1O[C@H](COC(/C=C/C2=CC=C(O)C=C2)=O)COC(C)=OFormula C₂₀H₂₆O₁₁

M.Wt 442.41

Solubility DMSO : 100 mg/mL (226.03 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**

Regaloside B is a phenylpropanoid isolated from *Lilium longiflorum*. Regaloside B can inhibit the expression of iNOS and COX-2. Regaloside B has anti-inflammatory activity [1] [2].

[1]. Thi NN, et, al. Phenylpropanoids from *Lilium Asiatic* hybrid flowers and their anti-inflammatory activities. *Applied Biological Chemistry*. 2017; 60: 527-533. [2]. Kim BR, et, al. Purification of Phenylpropanoids from the Scaly Bulbs of *Lilium Longiflorum* by CPC and Determination of Their DPP-IV Inhibitory Potentials. *ACS Omega*. 2020 Feb 20; 5(8): 4050-4057.

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

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