
Product Data Sheet

Product Name: Magnolioside

Cat. No.: GC60233

Chemical Properties

Cas. No. 20186-29-2

SMILES O=C1C=CC2=CC(O[C@H]3[C@@H]([C@H]([C@@H]([C@@H](CO)O3)O)O)=C(OC)C=C2O1Formula C₁₆H₁₈O₉

M.Wt 354.31

Solubility DMSO : 50 mg/mL (141.12 mM; Need ultrasonic)

Storage

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**

Magnolioside, isolated from *Angelica gigas* Nakai (Umbelliferae), exhibits significant neuroprotective activities against glutamate-induced toxicity[1].

[1]. Kang SY, et al. Neuroprotective coumarins from the root of *Angelica gigas*: structure-activity relationships. *Arch Pharm Res.* 2007 Nov;30(11):1368-73.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
