

Product Data Sheet

Product Name: Polygalic acid

Cat. No.: GC36946

Chemical Properties

Cas. No. 1260-04-4

SMILES C[C@@]1(C(O)=O)[C@@H](O)[C@@H](O)C[C@]2(C)[C@@]3([H])CCC4=C(CC[C@@]5(CCC(C)(C[C@]54[H])C)C(O)=O)[C@@](C)3CC[C@@]12[H]

Formula C₂₉H₄₄O₆ M.Wt 488.66

Solubility DMSO: ≥ 250 mg/mL (511.60 mM) 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.

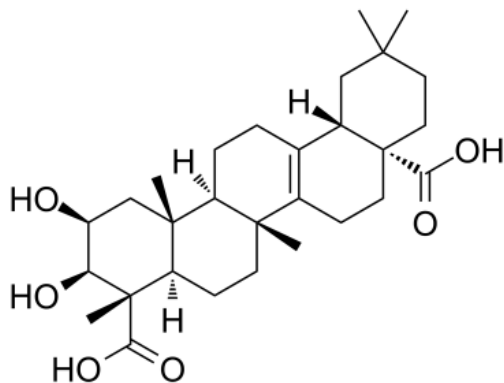
Caution: Product has not been fully validated for medical applications. For research use only.

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Product Data Sheet

Structure



Background

Polygalic acid, a triterpenoid saponin, is considered one of the major active constituents of *Polygala tenuifolia*[1].

[1]. Ling Y, et al. In vivo metabolism study of polygalic acid in rat using HPLC-ESI-MSn. Biomed Chromatogr. 2012 Feb;26(2):220-4.

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