
Product Data Sheet

Product Name: Medicagenic acid

Cat. No.: GC38211

Chemical Properties

Cas. No. 599-07-5

SMILES C[C@@]1(C(O)=O)[C@@H](O)[C@@H](O)C[C@]2(C)[C@@]3([H])CC=C4[C@]5([H])CC(C)(C)CC[C@@](C(O)=O)5CC[C@](C)4[C@@](C)3CC[C@@]12[H]

Formula C₃₀H₄₆O₆ M.Wt 502.68

Solubility DMSO : 100 mg/mL (198.93 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**

Medicagenic acid (Castanogenin), a bioactive triterpenoid pentacyclic glycoside isolated from *Herniaria glabra* L., has low xanthine oxidase, collagenase, elastase, and tyrosinase inhibitory activity.

[1] Solomiia Kozachok, et al. *Phytochemistry*. 2020 Jan;169:112162.

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

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