

Product Data Sheet

Product Name: Arjunetin
Cat. No.: GC60599

Chemical Properties

Cas. No. 31297-79-7

SMILES O=C([C@](CC[C@]12C)(CCC3(C)C)[C@]([C@@H]3O)([H])C1=CC[C@@]4([H])[C@]2(CC[C@](C(C)([C@H]5O)C)([H])[C@@]4(C[C@H]5O)C)C)O[C@@H]([C@@H]([C@H]6O)O)O[C@@H]([C@H]6O)CO

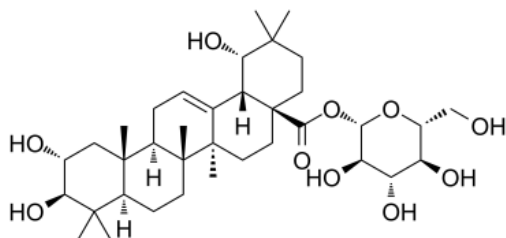
Formula $C_{36}H_{58}O_{10}$ M.Wt 650.84

Solubility 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

Arjunetin, isolated from *Terminalia arjuna*, is an insect feeding-deterrent and growth inhibitor[1].

Arjunetin shows growth inhibitory and feeding-deterrent properties with a GI50 and feeding-inhibition (FD50) of 188.5 and 287.1 µg/g diet, respectively[1].

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

Product Data Sheet

[1]. Singh DV, et al. Arjunetin from Terminalia arjuna as an insect feeding-deterrent and growth inhibitor. Phytother Res. 2004;18(2):131-134.

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