
Product Data Sheet

Product Name: Arjungenin

Cat. No.: GC35393

Chemical Properties

Cas. No. 58880-25-4

SMILES C[C@]12[C@]3(C([C@@]4([H])[C@](C(O)=O)(CCC(C)(C)[C@H]4O)CC3)=CC[C@]1([H])[C@@]5([C@@]([C@@](C)([C@@H](O)[C@H](O)C5)CO)([H])CC2)C

Formula C₃₀H₄₈O₆ M.Wt 504.7

Solubility DMSO : 50 mg/mL (99.07 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**

Arjungenin, a triterpene isolated from Terminalia arjuna, is an insect feeding-deterrent and growth inhibitor[1][2].

[1]. Honda Tadashi, et al. Arjungenin, Arjunglucoside I, and Arjunglucoside II. A New Triterpene and New Triterpene Glucosides from Terminalia arjuna. Bulletin of the Chemical Society of Japan. 1976. [2]. Singh DV, et al. Singh DV, et al. Arjunetin from Terminalia arjuna as an insect feeding-deterrent and growth inhibitor. Phytother Res. 2004 Feb;18(2):131-4.

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