
Product Data Sheet

Product Name: Secaubryenol

Cat. No.: GC63183

Chemical Properties

Cas. No. 925932-08-7

Formula C₃₀H₄₈O₃

M.Wt

456.7

Solubility

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**

Secaubryenol is a class of 3,4-secocycloartane triterpenes isolated from *Coussarea macrophylla*. Secaubryenol does not display any cytotoxic effect at a dose of 10 µg/mL [1][2][3].

Secaubryenol exhibits IC₅₀ value over 100 µM against tumor cell lines (MCF-7 (breast cancer cells, ER (estrogen receptor) positive), MDA (breast cancer cells, ER negative), PC-3 (prostate cancer cells), and HeLa (cervical cancer cells)) [1].

[1]. Grougnet R, et al. Cytotoxic 3,4-seco-cycloartane triterpenes from the exudate of *Gardenia tubifera*. *J Nat Prod*. 2006 Dec;69(12):1711-4.

[2]. Gilardoni G, et al. New 3,4-Secocycloartane and 3,4-Secodammarane Triterpenes from the Ecuadorian Plant *Coussarea macrophylla*. *Chem Biodivers*. 2015 Jun;12(6):946-54.

[3]. ThanesuanNuanyai, et al. Cycloartane triterpenes from the exudate of *Gardenia thailandica*. *Phytochemistry Letters*. Volume 4, Issue 1, 15 March 2011, Pages 26-29.

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

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