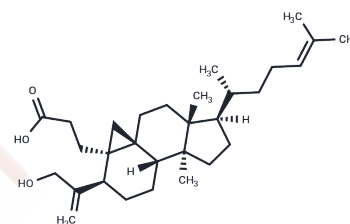


Secaubryenol

Chemical Properties

CAS No. :	925932-08-7
Formula:	C ₃₀ H ₄₈ O ₃
Molecular Weight:	456.7
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Secaubryenol is a 3,4-seco-cycloartane triterpenes isolated from <i>Coussarea macrophylla</i> .
Targets(IC50)	Others,Endogenous Metabolite
In vitro	Secaubryenol against tumor cell lines(IC ₅₀ > 100 μM) (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].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1896 mL	10.9481 mL	21.8962 mL
5 mM	0.4379 mL	2.1896 mL	4.3792 mL
10 mM	0.219 mL	1.0948 mL	2.1896 mL
50 mM	0.0438 mL	0.219 mL	0.4379 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481