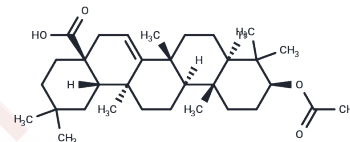


Acetylaleuritolic acid

Chemical Properties

CAS No. :	28937-85-1
Formula:	C ₃₂ H ₅₀ O ₄
Molecular Weight:	498.74
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	Acetylaleuritolic acid is a pentacyclic triterpenoid, plant metabolite isolated from the leaves of <i>Garcinia miniata</i> . It has antitumor properties, showing tumor inhibitory activity in tests against P-388 lymphoblastic leukemia.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0051 mL	10.0253 mL	20.0505 mL
5 mM	0.401 mL	2.0051 mL	4.0101 mL
10 mM	0.2005 mL	1.0025 mL	2.0051 mL
50 mM	0.0401 mL	0.2005 mL	0.401 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

- Torrance SJ, Wiedhopf RM, Cole JR. Antitumor agents from *Jatropha macrorhiza* (Euphorbiaceae) III: acetylaleuritolic acid. *J Pharm Sci.* 1977 Sep;66(9):1348-9. PubMed PMID: 903883.
- Zhu CL. [Chemical Constituents from *Mallotus paniculatus* (II)]. *Zhong Yao Cai.* 2015 Apr;38(4):764-5. Chinese. PubMed PMID: 26672344.
- Galarraga Montes E, Amaro-Luis JM. Icosandrin, a novel peltogynoid from the fruits of *Phytolacca icosandra* (Phytolaccaceae). *Nat Prod Res.* 2016;30(1):89-94. doi: 10.1080/14786419.2015.1038537. Epub 2015 May 5. PubMed PMID: 25942389.
- Lima GS, Castro-Pinto DB, Machado GC, Maciel MA, Echevarria A. Antileishmanial activity and trypanothione reductase effects of terpenes from the Amazonian species *Croton cajucara* Benth (Euphorbiaceae). *Phytomedicine.* 2015 Nov 15;22(12):1133-7. doi: 10.1016/j.phymed.2015.08.012. Epub 2015 Sep 18. PubMed PMID: 26547537.

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