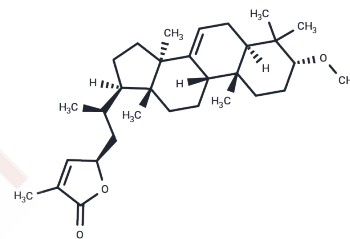


Abieslactone

Chemical Properties

CAS No. :	33869-93-1
Formula:	C ₃₁ H ₄₈ O ₃
Molecular Weight:	468.722
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	Abieslactone possesses anti-tumor promoting activity isolated from several Abies genus.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1335 mL	10.6673 mL	21.3347 mL
5 mM	0.4267 mL	2.1335 mL	4.2669 mL
10 mM	0.2133 mL	1.0667 mL	2.1335 mL
50 mM	0.0427 mL	0.2133 mL	0.4267 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

Wang GW, Lv C, Shi ZR, Zeng RT, Dong XY, Zhang WD, Liu RH, Shan L, Shen YH. Abieslactone induces cell cycle arrest and apoptosis in human hepatocellular carcinomas through the mitochondrial pathway and the generation of reactive oxygen species. PLoS One. 2014 Dec 11;9(12):e115151. doi: 10.1371/journal.pone.0115151. eCollection 2014. PubMed PMID: 25502685; PubMed Central PMCID: PMC4263740.

Takayasu J, Tanaka R, Matsunaga S, Ueyama H, Tokuda H, Hasegawa T, Nishino A, Nishino H, Iwashima A. Anti-tumor-promoting activity of derivatives of abieslactone, a natural triterpenoid isolated from several Abies genus. Cancer Lett. 1990 Sep;53(2-3):141-4. PubMed PMID: 2208073.

UYEO S, OKADA J, MATSUNAGO S. [SELENIUM DEHYDROGENATION OF ABIESLACTONE]. Yakugaku Zasshi. 1964 May; 84:453-7. Japanese. PubMed PMID: 14193916.

Iwai S, Wei M, Morimura K, Wanibuchi H, Tanaka R, Matsunaga S, Yoshitake A, Seki S, Fukushima S. Possible prevention by abieslactone of development of diethylnitrosamine-initiated GST-P positive foci in the rat liver. Teratog Carcinog Mutagen. 2001;21(3):223-9. PubMed PMID: 11301417.

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