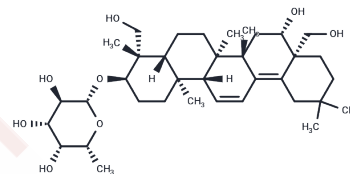


Prosaikogenin D

Chemical Properties

CAS No. :	103629-72-7
Formula:	C ₃₆ H ₅₈ O ₈
Molecular Weight:	618.84
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	Prosaikogenin D (Prosapogenin D) is a natural product extracted from the roots of <i>Bupleurum bicaule</i> Helm (Apiaceae) with anti-cancer activity.
Targets(IC50)	Others
In vitro	Prosaikogenin D (20 - 60 µg/mL) suppresses the proliferation of A549 cells (IC50 = 57.2 µg/mL)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6159 mL	8.0796 mL	16.1593 mL
5 mM	0.3232 mL	1.6159 mL	3.2319 mL
10 mM	0.1616 mL	0.808 mL	1.6159 mL
50 mM	0.0323 mL	0.1616 mL	0.3232 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

- Lu Shi, et al. A Potential Anti-cancer Compound Separated from the Chloroform Extract of the Chinese Medicine Formula Shenqi San. *Curr Med Sci.* 2020 Feb;40(1):138-144.
Nan Xu, et al. A new saikogenin from the roots of *Bupleurum bicaule*. *Chin J Nat Med.* 2014 Apr;12(4):305-8.

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