

## Saikogenin F

## Chemical Properties

CAS No. : 14356-59-3

Formula: C<sub>30</sub>H<sub>48</sub>O<sub>4</sub>

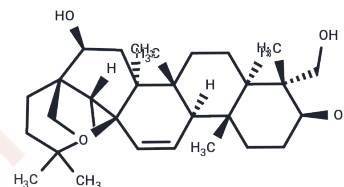
Molecular Weight: 472.7

Keep away from direct sunlight, Keep away from moisture

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	Saikogenin F ((1S,2S,4S,5R,8R,9R,10S,13S,14R,17S,18R)-9-(hydroxymethyl)-4,5,9,13,20,20-hexamethyl-24-oxahexacyclo[15.5.2.01,1?.0?,1?.0?,1?.0?,13]tetracos-15-ene-2,10-diol) is a natural product with anti-cancer activity.
Targets(IC50)	Others
In vitro	Saikogenin F(50, 70 and 90 µg/mL) inhibits the cell proliferation of A549 cells with inhibition rates of 18.81%, 47.64% and 86.01%[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1155 mL	10.5775 mL	21.1551 mL
5 mM	0.4231 mL	2.1155 mL	4.231 mL
10 mM	0.2116 mL	1.0578 mL	2.1155 mL
50 mM	0.0423 mL	0.2116 mL	0.4231 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.

**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