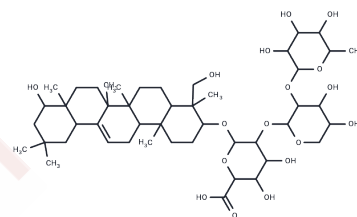


## Soyasaponin II

### Chemical Properties

CAS No. :	55319-36-3
Formula:	C47H76O17
Molecular Weight:	913.1
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	Soyasaponin II has antiviral effects, it can inhibit the replication of human cytomegalovirus, influenza virus, and human immunodeficiency virus type 1.
Targets(IC50)	HIV Protease,NOD-like Receptor (NLR),HSV,Influenza Virus,Virus Protease,Y Box Binding Protein 1
In vitro	The antiviral activities of two saponins, soyasaponin I and II, isolated from soybean (Glycine max Merrill) were studied in vitro against herpes simplex virus type 1 (HSV-1). Soyasaponin II was more potent than soyasaponin I as shown by reduction of HSV-1 production. Soyasaponin II was also found to inhibit the replication of human cytomegalovirus, influenza virus, and human immunodeficiency virus type 1.

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0952 mL	5.4759 mL	10.9517 mL
5 mM	0.219 mL	1.0952 mL	2.1903 mL
10 mM	0.1095 mL	0.5476 mL	1.0952 mL
50 mM	0.0219 mL	0.1095 mL	0.219 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

Inhibitory activity of soyasaponin II on virus replication in vitro. *Planta Med.*, 1997, 63(2):102-5.

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