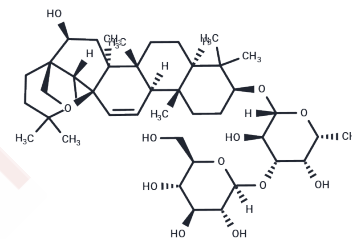


## Saikosaponin E

## Chemical Properties

CAS No. :	64340-44-9
Formula:	C42H68O12
Molecular Weight:	764.98
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Saikosaponin E is a natural product isolated from the herbs of Bupleurum.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 90 mg/mL (117.65 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3072 mL	6.5361 mL	13.0722 mL
5 mM	0.2614 mL	1.3072 mL	2.6144 mL
10 mM	0.1307 mL	0.6536 mL	1.3072 mL
50 mM	0.0261 mL	0.1307 mL	0.2614 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

Li Zong yang, et al. Cytotoxic saikosaponins from Bupleurum yinchowense. Journal of Medicinal Plants Research Vol.6 (27), pp. 4409-4415, 18 July, 2012.

Lei T, et al. Characterization and discrimination of raw and vinegar-baked Bupleuri radix based on UHPLC-Q-TOF-MS coupled with multivariate statistical analysis. Biomed Chromatogr. 2018 Feb;32(2).

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