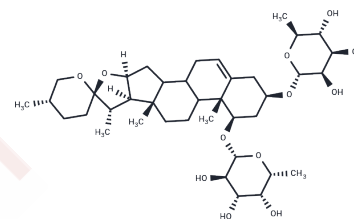


## Liriopesides B

### Chemical Properties

CAS No. :	87425-34-1
Formula:	C39H62O12
Molecular Weight:	722.90
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	Liriopesides B (Nolinospinoside F) exhibited potential anticancer activity against human ovarian cancer A2780 cells.
Targets(IC50)	Others

### Solubility Information

Solubility	DMSO: 150 mg/mL (207.5 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: < 10 mg/mL (13.83 mM), Lower concentrations may be soluble, but exact solubility limit is unknown. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 10 mg/mL (13.83 mM), Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3833 mL	6.9166 mL	13.8332 mL
5 mM	0.2767 mL	1.3833 mL	2.7666 mL
10 mM	0.1383 mL	0.6917 mL	1.3833 mL
50 mM	0.0277 mL	0.1383 mL	0.2767 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, H., Yu, H., Sun, Y., Zhao, H., Guo, Z., & Yu, B. (2017). Liriopesides B inhibited cell growth and decreased CA125 level in human ovarian cancer A2780 cells. *Natural Product Research*, 31(18), 2198-2202. doi: 10.1080/14786419.2017.1320788

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