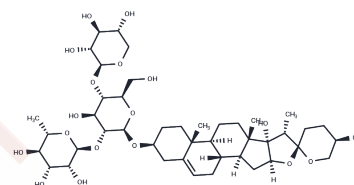


## 17-Hydroxy sprengerinin C

## Chemical Properties

CAS No. :	1029017-75-1
Formula:	C44H70O17
Molecular Weight:	871.02
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	17-Hydroxy sprengerinin C is a glycoside compound isolated from rhizomes of <i>Polygonatum sibiricum</i> with stronger anticancer activities. 17-Hydroxy sprengerinin C reduces the expression of Bcl-2 and pro-caspase3 and increases the production of Bax.
Targets(IC50)	Bcl-2 Family,Others,Caspase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1481 mL	5.7404 mL	11.4808 mL
5 mM	0.2296 mL	1.1481 mL	2.2962 mL
10 mM	0.1148 mL	0.574 mL	1.1481 mL
50 mM	0.023 mL	0.1148 mL	0.2296 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

Zhou D, et al. Antiproliferative steroidal glycosides from rhizomes of *Polygonatum sibiricum*. *Phytochemistry*. 2019;164:172-183.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481