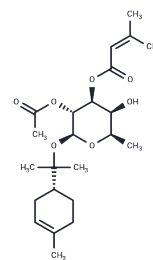


## Venuloside A

## Chemical Properties

CAS No. :	1609278-97-8
Formula:	C <sub>23</sub> H <sub>36</sub> O <sub>7</sub>
Molecular Weight:	424.53
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	Venuloside A (ESK246), a monopropane glycoside from <i>Pittosporum venulosum</i> , is a LAT3 inhibitor and a leucine uptake inhibitor that inhibits the transporter of leucine through LAT3, and may be used in the study of prostate cancer.
Targets(IC50)	transporter

## Solubility Information

Solubility	DMSO: 245 mg/mL (577.11 mM) ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3555 mL	11.7777 mL	23.5555 mL
5 mM	0.4711 mL	2.3555 mL	4.7111 mL
10 mM	0.2356 mL	1.1778 mL	2.3555 mL
50 mM	0.0471 mL	0.2356 mL	0.4711 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 Q, et al. Monoterpene glycoside ESK246 from *Pittosporum* targets LAT3 amino acid transport and prostate cancer cell growth. *ACS Chem Biol.* 2014 Jun 20;9(6):1369-76.

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