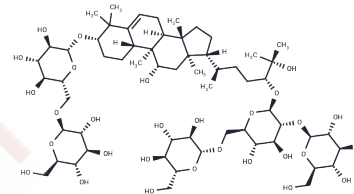


## 11-epi-mogroside V

## Chemical Properties

CAS No. :	2146088-12-0
Formula:	C60H102O29
Molecular Weight:	1287.45
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	11-epi-mogroside V is a natural mogroside compound isolated from the fruit of the monk fruit ( <i>Siraitia grosvenorii</i> ) and is the 11-position epimer of mogroside V. In vitro, 11-epi-mogroside V promotes glucose uptake by human HepG2 liver cells and can be used in research on obesity and type 2 diabetes.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7767 mL	3.8836 mL	7.7673 mL
5 mM	0.1553 mL	0.7767 mL	1.5535 mL
10 mM	0.0777 mL	0.3884 mL	0.7767 mL
50 mM	0.0155 mL	0.0777 mL	0.1553 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

Fu Li, et al. Cucurbitane glycosides from the fruit of *Siraitia grosvenori* and their effects on glucose uptake in human HepG2 cells in vitro. *Food Chem.* 2017 Aug 1;228:567-573.

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