

11-Oxoisomogroside V

Chemical Properties

CAS No. : 2149606-15-3

Formula: C₆₀H₁₀₀O₂₉

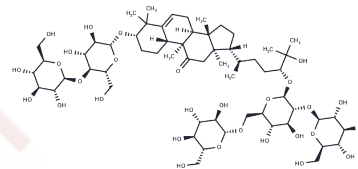
Molecular Weight: 1285.42

Keep away from direct sunlight, Keep away from moisture

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	11-Oxoisomogroside V (compound 3), a cucurbitacin derived from Luo Han Guo extract, enhances the transcriptional activity of PGC-1 α . Luciferase assay data demonstrates that at concentrations of 10 μ M and 20 μ M, 11-Oxoisomogroside V increases luciferase activity to 133.79% and 143.81%, respectively [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.778 mL	3.8898 mL	7.7796 mL
5 mM	0.1556 mL	0.778 mL	1.5559 mL
10 mM	0.0778 mL	0.389 mL	0.778 mL
50 mM	0.0156 mL	0.0778 mL	0.1556 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481