

## Pedunculosumoside F

## Chemical Properties

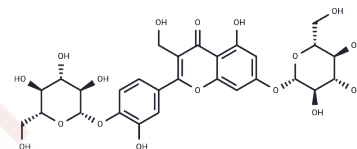
CAS No. : 1283600-08-7

Formula: C<sub>28</sub>H<sub>32</sub>O<sub>17</sub>

Molecular Weight: 640.54

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	Pedunculosumoside F, a homoflavonoid glucoside extracted from <i>Ophioglossum pedunculatum</i> , exhibits cytotoxicity against HepG2 2.2.15 cells, presenting a CC <sub>50</sub> value of 56.7 μM, yet lacks anti-HBV activity. Conversely, its analogs inhibit HBsAg secretion in HBV-infected HepG2 2.2.15 cells [1].
Targets(IC <sub>50</sub> )	HBV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5612 mL	7.8059 mL	15.6118 mL
5 mM	0.3122 mL	1.5612 mL	3.1224 mL
10 mM	0.1561 mL	0.7806 mL	1.5612 mL
50 mM	0.0312 mL	0.1561 mL	0.3122 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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