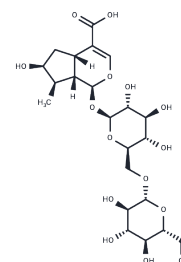


## Loganic acid 6'-O-β-D-glucoside

## Chemical Properties

CAS No. :	176226-39-4
Formula:	C <sub>22</sub> H <sub>34</sub> O <sub>15</sub>
Molecular Weight:	538.5
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	Loganic acid 6'-O-β-D-glucoside (8-Epi-Loganic acid-6'-O-β-D-glucoside) is a natural product derived from <i>Cistanche deserticola</i> that inhibits LPS-induced NO and TNF-α production.
Targets(IC50)	Others, TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.857 mL	9.2851 mL	18.5701 mL
5 mM	0.3714 mL	1.857 mL	3.714 mL
10 mM	0.1857 mL	0.9285 mL	1.857 mL
50 mM	0.0371 mL	0.1857 mL	0.3714 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

- Lv T, et, al. The chemical constituents from the roots of *Gentiana crassicaulis* and their inhibitory effects on inflammatory mediators NO and TNF-α. *Natural Products and Bioprospecting*. 2012 Sep 18. (2): 217-221.  
 Xu M, et, al. Iridoidal glucosides from *Gentiana rhodantha*. *J Asian Nat Prod Res*. May-Jun 2008;10(5-6):491-8.

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