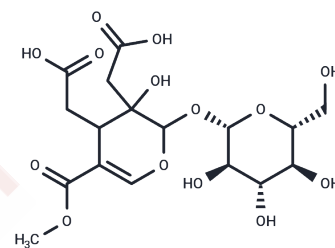


## Nuezhenidic acid

## Chemical Properties

CAS No. :	183238-67-7
Formula:	C <sub>17</sub> H <sub>24</sub> O <sub>14</sub>
Molecular Weight:	452.36
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	Nuezhenidic acid is isolated from Ligustrum lucidum and has the ability to inhibit influenza A virus.
Targets(IC50)	Influenza Virus

## Solubility Information

Solubility	H <sub>2</sub> O: 9.09 mg/mL (20.09 mM), Sonication is recommended. DMSO: 45 mg/mL (99.48 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2106 mL	11.0531 mL	22.1063 mL
5 mM	0.4421 mL	2.2106 mL	4.4213 mL
10 mM	0.2211 mL	1.1053 mL	2.2106 mL
50 mM	0.0442 mL	0.2211 mL	0.4421 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

Pang X, et al. Secoiridoid analogues from the fruits of Ligustrum lucidum and their inhibitory activities against influenza A virus. Bioorg Med Chem Lett. 2018 May 15;28(9):1516-1519.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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