

## Lavandoside

## Chemical Properties

CAS No. : 117405-51-3

Formula: C<sub>16</sub>H<sub>20</sub>O<sub>9</sub>

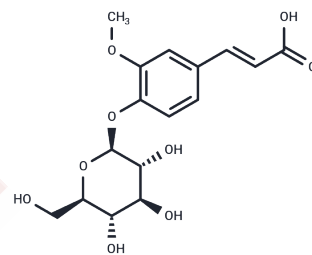
Molecular Weight: 356.33

Storage:

Store at low temperature, Keep away from moisture,  
Keep away from direct sunlight

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	Lavandoside is a compound derived from <i>Helianthemum ruficomum</i> with antioxidant activity.
Targets(IC50)	Antioxidant, Antibacterial

## Solubility Information

Solubility	DMSO: 40 mg/mL (112.26 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8064 mL	14.0319 mL	28.0639 mL
5 mM	0.5613 mL	2.8064 mL	5.6128 mL
10 mM	0.2806 mL	1.4032 mL	2.8064 mL
50 mM	0.0561 mL	0.2806 mL	0.5613 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

Kurkin, V.A., et al. Lavandoside from *Lavandula spica* flowers. *Chem Nat Compd* 44, 169-170 (2008).

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