

Genistein 7,4'-di-O- $\beta$ -D-glucoside

## Chemical Properties

CAS No. : 36190-98-4

Formula: C<sub>27</sub>H<sub>30</sub>O<sub>15</sub>

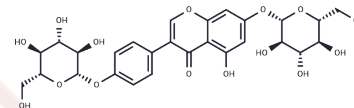
Molecular Weight: 594.52

Storage:

Keep away from direct sunlight, Keep away from moisture

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	Genistein 7,4'-di-O- $\beta$ -D-glucoside is a natural product exhibiting nanomolar-level oestrogenic proliferative effects in MCF-7 cells, suitable for osteoporosis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.682 mL	8.4101 mL	16.8203 mL
5 mM	0.3364 mL	1.682 mL	3.3641 mL
10 mM	0.1682 mL	0.841 mL	1.682 mL
50 mM	0.0336 mL	0.1682 mL	0.3364 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

Hossam M Abdallah, et al. Isolation of antiosteoporotic compounds from seeds of Sophora japonica. PLoS One. 2014 Jun 3;9(6):e98559.

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