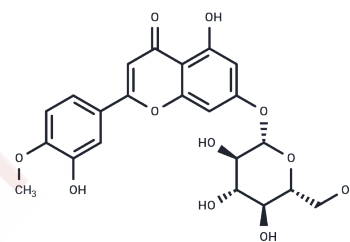


## Diosmetin-7-O-β-D-glucopyranoside

### Chemical Properties

CAS No. :	20126-59-4
Formula:	C <sub>22</sub> H <sub>22</sub> O <sub>11</sub>
Molecular Weight:	462.4
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	Diosmetin-7-O-β-D-glucopyranoside (Eridictiol) exhibits antioxidant activity.
Targets(IC50)	Antioxidant,NF-κB,Interleukin,SARS-CoV

### Solubility Information

Solubility	DMSO: 45 mg/mL (97.32 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	2.1626 mL	10.8131 mL	21.6263 mL
5 mM	0.4325 mL	2.1626 mL	4.3253 mL
10 mM	0.2163 mL	1.0813 mL	2.1626 mL
50 mM	0.0433 mL	0.2163 mL	0.4325 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

Li A , Sun A , Liu R , et al. An efficient preparative procedure for main flavonoids from the peel of *Trichosanthes kirilowii* Maxim. using polyamide resin followed by semi-preparative high performance liquid chromatography[J]. *Journal of Chromatography B*, 2014, 965:150-157.

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