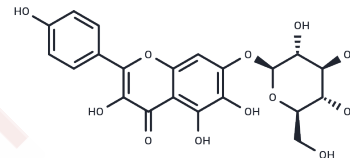


6-Hydroxykaempferol 7-O- $\beta$ -glucopyranoside

## Chemical Properties

CAS No. :	70056-55-2
Formula:	C <sub>21</sub> H <sub>20</sub> O <sub>12</sub>
Molecular Weight:	464.38
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	6-Hydroxykaempferol 7-O- $\beta$ -glucopyranoside is a flavonol isolated from wild marigold ( <i>Tagetes minuta</i> ). Research identifies this compound as a bioactive flavonol glycoside with significant antibacterial activity. It is commonly utilized in the fields of natural product chemistry, plant defense mechanism studies, and the screening of novel anti-infective molecules.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1534 mL	10.767 mL	21.5341 mL
5 mM	0.4307 mL	2.1534 mL	4.3068 mL
10 mM	0.2153 mL	1.0767 mL	2.1534 mL
50 mM	0.0431 mL	0.2153 mL	0.4307 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

Shahzadi I, et al. Acylated flavonol glycosides from *Tagetes minuta* with antibacterial activity. *Front Pharmacol.* 2015 Sep 11;6:195.

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