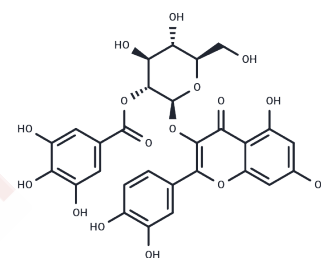


Quercetin-3-O-(2''-O-galloyl)- $\beta$ -D-glucopyranoside

## Chemical Properties

CAS No. :	69624-79-9
Formula:	C <sub>28</sub> H <sub>24</sub> O <sub>16</sub>
Molecular Weight:	616.48
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	Quercetin-3-O-(2''-O-galloyl)- $\beta$ -D-glucopyranoside, an orally active phenolic compound derived from the Geranium species, demonstrates anti-inflammatory properties and holds potential for treating edema and aortic endothelium-dependent relaxation injury [1].
In vivo	Quercetin-3-O-(2''-O-galloyl)- $\beta$ -D-glucopyranoside, when administered orally at a single dose of 100 mg/kg to male Swiss albino mice, attenuated PGE <sub>2</sub> -induced paw edema, carrageenan-induced hind paw swelling, and p-benzoquinone-induced writhing response [1]. Additionally, a single topical application of 0.5 mg/ear of this compound suppressed 12-O-tetradecanoylphorbol-13-acetate (TPA)-induced ear edema in the same model [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6221 mL	8.1106 mL	16.2211 mL
5 mM	0.3244 mL	1.6221 mL	3.2442 mL
10 mM	0.1622 mL	0.8111 mL	1.6221 mL
50 mM	0.0324 mL	0.1622 mL	0.3244 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.

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