

Isoquercitrin-7-O-gentiobioside

Chemical Properties

CAS No. : 60778-02-1

Formula: C₃₃H₄₀O₂₂

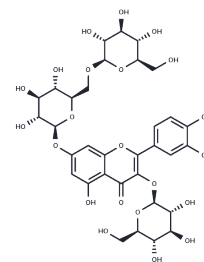
Molecular Weight: 788.66

Storage:

Store at low temperature, 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	Quercetin-3-O-β-D-glucose-7-O-β-D-gentiobiosiden (Quercetin-3-O-beta-D-glucose-7-O-beta-D-gentiobioside) is a flavonoid isolated from Quercetin.
Targets(IC50)	Others,Parasite

Solubility Information

Solubility	H ₂ O: 100 mg/mL (126.8 mM), Sonication is recommended. DMSO: 100 mg/mL (126.8 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (12.68 mM), Solution. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 10 mg/mL (12.68 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.268 mL	6.3399 mL	12.6797 mL
5 mM	0.2536 mL	1.268 mL	2.5359 mL
10 mM	0.1268 mL	0.634 mL	1.268 mL
50 mM	0.0254 mL	0.1268 mL	0.2536 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

Hong-Wei L I , Ting-Ting W , Xiang-Le M , et al. Optimized extraction process of formula granules for seeds from *Desurainia sophia* fried without additional ingredients by Box-Behnken response surface method[J]. Chinese Journal of New Drugs, 2016.

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