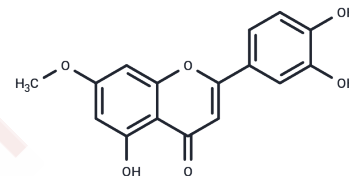


Hydroxygenkwanin

Chemical Properties

CAS No. :	20243-59-8
Formula:	C ₁₆ H ₁₂ O ₆
Molecular Weight:	300.26
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	1. Hydroxygenkwanin (Luteolin 7-methylether) possesses significant the antioxidative activity . 2. Hydroxygenkwanin has cytotoxicity, may be an effective natural product to treat glioma, and the combination of Apigenin and Hydroxygenkwanin may be a promising method for glioma chemotherapy.
Targets(IC50)	Antioxidant

Solubility Information

Solubility	DMSO: 55 mg/mL (183.17 mM),Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3304 mL	16.6522 mL	33.3045 mL
5 mM	0.6661 mL	3.3304 mL	6.6609 mL
10 mM	0.333 mL	1.6652 mL	3.3304 mL
50 mM	0.0666 mL	0.333 mL	0.6661 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

Wang Y , Xu Y S , Yin L H , et al. Synergistic anti-glioma effect of Hydroxygenkwanin and Apigenin in vitro[J]. Chemico-Biological Interactions, 2013, 206(2):346-355.

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