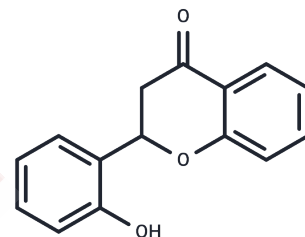


2-Hydroxyflavanone

Chemical Properties

CAS No. :	17348-76-4
Formula:	C ₁₅ H ₁₂ O ₃
Molecular Weight:	240.25
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	2-Hydroxyflavanone is a naturally occurring flavonoid found in many plants and fruits. It has antioxidant, anti-inflammatory and anti-tumor activity, scavenging free radicals, reducing inflammation and inhibiting the growth of tumor cells. It also has the potential to treat a wide range of diseases including diabetes, obesity, cardiovascular disease and neurological disorders.
Targets(IC50)	Apoptosis,Others

Solubility Information

Solubility	DMSO: 25 mg/mL (104.06 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	4.1623 mL	20.8117 mL	41.6233 mL
5 mM	0.8325 mL	4.1623 mL	8.3247 mL
10 mM	0.4162 mL	2.0812 mL	4.1623 mL
50 mM	0.0832 mL	0.4162 mL	0.8325 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

Hirade Y , Kotoku N , Terasaka K , et al. Identification and functional analysis of 2-hydroxyflavanone C-glucosyltransferase in soybean (Glycine max)[J]. FEBS Letters, 2015, 589(15):1778-1786.

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