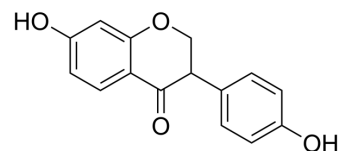


Dihydrodaidzein

Cat. No.:	HY-N1461		
CAS No.:	17238-05-0		
Molecular Formula:	C ₁₅ H ₁₂ O ₄		
Molecular Weight:	256.25		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (390.24 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.9024 mL	19.5122 mL	39.0244 mL
5 mM	0.7805 mL	3.9024 mL	7.8049 mL
10 mM	0.3902 mL	1.9512 mL	3.9024 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (9.76 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (9.76 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (9.76 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Dihydrodaidzein is one of the most prominent dietary phytoestrogens.

CUSTOMER VALIDATION

- Biol Reprod. 2022 Aug 10;ioac157.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Franke AA, et al. Liquid chromatographic-photodiode array mass spectrometric analysis of dietary phytoestrogens from human urine and blood. J Chromatogr B Analyt Technol Biomed Life Sci. 2002 Sep 25;777(1-2):45-59.

Caution: Product has not been fully validated for medical applications. For research use only.

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