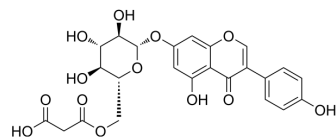


6''-O-Malonylgenistin

Cat. No.:	HY-N0917
CAS No.:	51011-05-3
Molecular Formula:	C ₂₄ H ₂₂ O ₁₃
Molecular Weight:	518.42
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (192.89 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	1.9289 mL	9.6447 mL	19.2894 mL
		5 mM	0.3858 mL	1.9289 mL	3.8579 mL
	10 mM	0.1929 mL	0.9645 mL	1.9289 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (2.41 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (2.41 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (2.41 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	6''-O-Malonylgenistin(Malonylgenistin) is an isoflavone derivative.
-------------	---

CUSTOMER VALIDATION

- J Agric Food Chem. 2023 Jun 26.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Fedoreyev SA, et al. Isoflavonoid composition of a callus culture of the relict tree *Maackia amurensis* Rupr. et Maxim. *J Agric Food Chem*. 2008 Aug 27;56(16):7023-31.
- [2]. Wu J, et al. Isoflavone content and its potential contribution to the antihypertensive activity in soybean Angiotensin I converting enzyme inhibitory peptides. *J Agric Food Chem*. 2008 Nov 12;56(21):9899-904.
-

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA