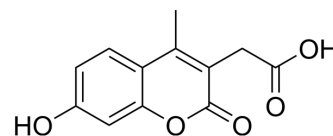


7-Hydroxy-4-methylcoumarin-3-acetic acid

Cat. No.:	HY-D1084		
CAS No.:	5852-10-8		
Molecular Formula:	C ₁₂ H ₁₀ O ₅		
Molecular Weight:	234.2		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (1067.46 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.2699 mL	21.3493 mL	42.6985 mL
	5 mM	0.8540 mL	4.2699 mL	8.5397 mL
	10 mM	0.4270 mL	2.1349 mL	4.2699 mL

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

BIOLOGICAL ACTIVITY

Description

7-Hydroxy-4-methylcoumarin-3-acetic acid is a growth inhibitor of root^[1].

REFERENCES

[1]. Chattha, et al. Coumarin-Based Heteroaromatics as Plant Growth Regulators" Plant Growth, edited by Everlon Rigobelo, IntechOpen, 2016. 10.5772/64854.

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