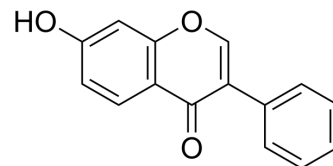


7-Hydroxyisoflavone

Cat. No.:	HY-W031126
CAS No.:	13057-72-2
Molecular Formula:	C ₁₅ H ₁₀ O ₃
Molecular Weight:	238.24
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (209.87 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.1974 mL	20.9872 mL	41.9745 mL
	5 mM	0.8395 mL	4.1974 mL	8.3949 mL
	10 mM	0.4197 mL	2.0987 mL	4.1974 mL

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

BIOLOGICAL ACTIVITY

Description

7-Hydroxyisoflavone (compound 3) is a natural isoflavone compound^[1].

REFERENCES

[1]. Taj Ur Rahman, et al. Spectroscopic and density functional theory studies of 7-hydroxy-3'-methoxyisoflavone: A new isoflavone from the seeds of Indigofera heterantha (Wall). Spectrochim Acta A Mol Biomol Spectrosc. 2015 Sep 5:148:375-81.

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

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