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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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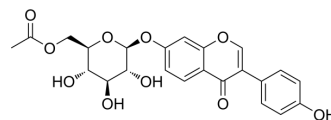
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6"-O-Acetyldaidzin

Cat. No.:	HY-N4071		
CAS No.:	71385-83-6		
Molecular Formula:	C ₂₃ H ₂₂ O ₁₀		
Molecular Weight:	458.41		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 4.6 mg/mL (10.03 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1815 mL	10.9073 mL	21.8145 mL
	5 mM	0.4363 mL	2.1815 mL	4.3629 mL
	10 mM	0.2181 mL	1.0907 mL	2.1815 mL

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

BIOLOGICAL ACTIVITY

Description

6"-O-Acetyldaidzin is an isoflavone glycoside isolated from soybeans. 6"-O-Acetyldaidzin significantly inhibits lipid peroxidation in rat liver microsome with an IC₅₀ of 8.2 μM^{[1][2]}.

In Vitro

6"-O-Acetyldaidzin exhibits inhibitory effect against lipid peroxidation in rat liver microsome with an IC₅₀ of 8.2 μM^[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Shigemitsu KUDOU, et al. Shigemitsu KUDOU, et al. Malonyl Isoflavone Glycosides in Soybean Seeds (Glycine max MERRILL). Agric. Biol. Chem., 1991;55 (9), 2227-2233.
- [2]. Lee SJ, et al. An antioxidant lignan and other constituents from the root bark of Hibiscus syriacus. Planta Med. 1999 Oct;65(7):658-60.

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

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