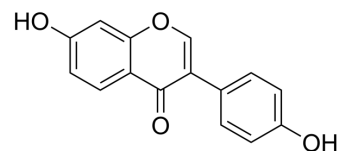


## Daidzein (Standard)

<b>Cat. No.:</b>	HY-N0019R
<b>CAS No.:</b>	486-66-8
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>10</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	254.24
<b>Target:</b>	PPAR; Endogenous Metabolite
<b>Pathway:</b>	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 50 mg/mL (196.66 mM)  
 H<sub>2</sub>O : < 0.1 mg/mL (ultrasonic) (insoluble)  
 \* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.9333 mL	19.6665 mL	39.3329 mL
	5 mM	0.7867 mL	3.9333 mL	7.8666 mL
	10 mM	0.3933 mL	1.9666 mL	3.9333 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Daidzein (Standard) is the analytical standard of Daidzein. This product is intended for research and analytical applications. Daidzein is a soy isoflavone, which acts as a PPAR activator.

#### IC<sub>50</sub> & Target

PPAR-α

PPAR-γ

### CUSTOMER VALIDATION

- Cell Rep Med. April 20, 2022.
- J Ethnopharmacol. 2024 Jan 24:117824.
- Mol Neurobiol. 2023 Dec 8.
- Eur J Pharmacol. 2022 Mar 15;919:174805.

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- Eur J Pharmacol. 2020 Oct 15;885:173399.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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

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