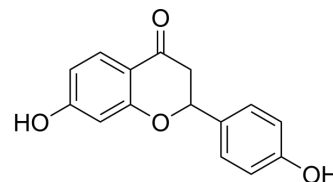


## (±)-Liquiritigenin

Cat. No.:	HY-N0377A
CAS No.:	69097-97-8
Molecular Formula:	C <sub>15</sub> H <sub>12</sub> O <sub>4</sub>
Molecular Weight:	256.25
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 30 mg/mL (117.07 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.9024 mL	19.5122 mL	39.0244 mL
	5 mM	0.7805 mL	3.9024 mL	7.8049 mL
	10 mM	0.3902 mL	1.9512 mL	3.9024 mL

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

### BIOLOGICAL ACTIVITY

#### Description

(±)-Liquiritigenin ((±)-4',7-Dihydroxyflavanone) is isolated from *Angelica keiskei*, a hardy perennial herb of the Umbelliferae family. (±)-Liquiritigenin promotes cell proliferation, has cytoprotective activity and reduces cytotoxicity, and also has antioxidant stress effects<sup>[1]</sup>.

### REFERENCES

[1]. Yun-Seo Kil, et al. Minor phenolics from *Angelica keiskei* and their proliferative effects on Hep3B cells. *Bioorg Med Chem Lett*. 2017 Jul 15;27(14):3065-3070.

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

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