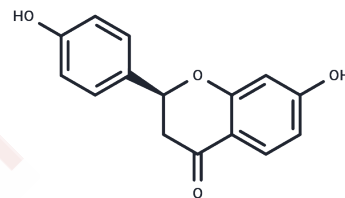


## Liquiritigenin

## Chemical Properties

CAS No. :	578-86-9
Formula:	C <sub>15</sub> H <sub>12</sub> O <sub>4</sub>
Molecular Weight:	256.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Liquiritigenin (4',7-Dihydroxyflavanone), a flavonoid aglycone from licorice, is a highly selective estrogen receptor $\beta$ (ER $\beta$ ) agonist.
Targets(IC50)	Estrogen Receptor/ERR,Estrogen/progestogen Receptor

## Solubility Information

Solubility	DMSO: 100 mg/mL (390.24 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.078 mL	0.3902 mL	0.7805 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Kim, YW. Gastrointestinal and Liver Physiology. 296 (2): G372–81.

Jung M A, Song H K, Jo K, et al.Gleditsia sinensis Lam. aqueous extract attenuates nasal inflammation in allergic rhinitis by inhibiting MUC5AC production through suppression of the STAT3/STAT6 pathway.Biomedicine & Pharmacotherapy.2023, 161: 114482.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481