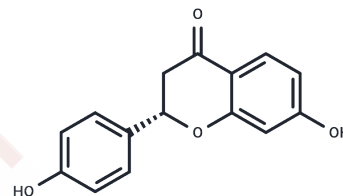


(±)-Liquiritigenin**Chemical Properties**

CAS No. : 69097-97-8
 Formula: C₁₅H₁₂O₄
 Molecular Weight: 256.25
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.

**Biological Description**

Description	(±)-Liquiritigenin ((±)-4',7-Dihydroxyflavanone), a flavonoid extracted from Angelica keiskei, inhibits the calcium-activated chloride channel TMEM16A. (±)-Liquiritigenin induces an increase in apoptosis and an enhancement of caspase3 activity. (±)-Liquiritigenin induces increased apoptosis and enhanced caspase3 activity. (±)-Liquiritigenin is used in breast cancer research.
Targets(IC50)	Apoptosis, Calcium Channel, Reactive Oxygen Species, ROS

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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

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: 34 Washington Street, Wellesley Hills, MA 02481