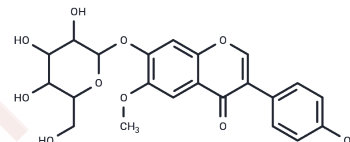


Glycitin

Chemical Properties

CAS No. :	40246-10-4
Formula:	C ₂₂ H ₂₂ O ₁₀
Molecular Weight:	446.4
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Glycitin (Glycitein 7-O-β-glucoside), a natural isoflavone isolated from legumes, promotes the proliferation of bone marrow stromal cells and osteoblasts while suppressing bone turnover.
Targets(IC50)	Antibacterial, Influenza Virus

Solubility Information

Solubility	DMSO: 55 mg/mL (123.21 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2401 mL	11.2007 mL	22.4014 mL
5 mM	0.448 mL	2.2401 mL	4.4803 mL
10 mM	0.224 mL	1.1201 mL	2.2401 mL
50 mM	0.0448 mL	0.224 mL	0.448 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

Zang Y, Igarashi K, Yu C. Biosci Biotechnol Biochem. 2015;79(1):117-23.

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