



Storage

Store at or below -20°C.

Stock solution (20mM) is stable for up to 6 months at -20°C or 2 years at -80 °C.



Contents

- Product Manual
- Genistin, >99%

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

Shipping Condition

Ship at ambient.

Introduction

Genistin is a natural isoflavone isolated from legumnes, including soy and kedzu. It is a phytoestrogen, as it stimulates the growth of estrogen-dependent human breast cancer cells in vivo. Like other isoflavones, genistin promotes the pro -liferation of bone marrow stromal cells and osteoblasts and supresses bone turnover. It also increases bone formation in collagen matrix in vivo.

Chemical Information

MW	432.4	
Formula	C21H20O10	
CAS No	529-59-9	
Purity	> 99%	
Alternative Name	7-(β-D-glycopyranosyloxy)-5-hydroxy-3- (4-hydroxyphenyl)-4H-1-benzopyran-4-one	

Biological Activity

Selective inhibitor of terminal deoxyribonucleotidyl transferase (TdT). Displays antioxidant and anti-carcinogenic properties.

Solubility

Soluble to 12mg/ml in DMSO Preparing 20mM stock solution in DMSO.

Mass	Final Volume
1mg	0.1156 ml
5mg	0.5782 ml
10mg	1.1563 ml

Related Products

Product Name	Cat No
Albumin, (IgG, Fattu Acid and Protease Free)	A0100
AffiSelect Cox IV Loading Control Antibody	A0017
AffiSelect GAPDH Loading Control Antibody, 100ug	A0039
AffiSelect Beta-Actin Loading Control Antibody, 100ug	A0042
AffiSelect a-Tubulin Loading Control Antibody, 100ug	A0050
NP-40 Lysis Buffer (2X)	N1200
Affiselect Total Protein Extraction Solution	A0710
RIPA Cell Lysis Buffer (1X) with EDTA	R4100
Xert Protease Inhibitor Cocktail Solution (100X)	P3100
Xpert Prestained Protein Marker (6.5-240 kDa)	P8502
Xpert 2 Prestained Protein Marker (10-240 kDa)	P8503
TBS Buffer, 20X, pH 7.4	T8054
West-Ez Stripping buffer	S2100
Goat anti-Rabbit IgG(H+L)-HRP, 1mg/ml	SA002
Rabbit anti-Goat IgG(H+L)-HRP, 1mg/ml	SA007
Tween 20, Molecular Biology Grade	T9100
West-Q Pico Dura ECL Solution	W3653
West-Q Femto ECL Solution	W3700
West-Ez Blocker, 5% Non-Fat Kit	W3710