

Genistein

Cat. No. CEI-0900

Lot. No. (See product label)

Introduction

Description

Genistein, a phytoestrogen found in soy products, is a highly specific inhibitor of protein tyrosine kinase (PTK) which blocks the mitogenic effect mediated by EGF on NIH-3T3 cells with IC50 of 12 μ M or by insulin with IC50 of 19 μ M.

Product Information

CAS No.	446-72-0
Molecular Formula	C ₁₅ H ₁₀ O ₅
Chemical Name	5,7-dihydroxy-3-(4-hydroxyphenyl)-4H-chromen-4-one
Molecular Weight	270.24
Targets	PTK
Solubility	DMSO 54 mg/mL; Water <1 mg/mL; Ethanol 2 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.
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