



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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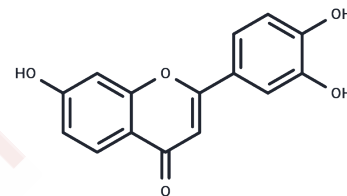
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3',4',7-Trihydroxyflavone

Chemical Properties

CAS No. :	2150-11-0
Formula:	C ₁₅ H ₁₀ O ₅
Molecular Weight:	270.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	7,3',4'-Trihydroxyflavone inhibits osteoclastogenesis via the nuclear factor of activated T cells c1. 7,3',4'-Trihydroxyflavone can markedly inhibit the receptor activator of nuclear factor kappa B ligand-induced osteoclastic differentiation from mouse bone marrow-derived macrophages (BMMs).
Targets(IC50)	ATPase,p38 MAPK,NF-κB

Solubility Information

Solubility	DMSO: 55 mg/ml (203.52 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7004 mL	18.5021 mL	37.0041 mL
5 mM	0.7401 mL	3.7004 mL	7.4008 mL
10 mM	0.370 mL	1.8502 mL	3.7004 mL
50 mM	0.074 mL	0.370 mL	0.7401 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

Francisco A, et al. Tomas-Barberan, Manuela M. Garcia-Grau, and Francisco Tomas-Lorente. Journal of Agricultural and Food Chemistry 1991 39 (2), 255-258

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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