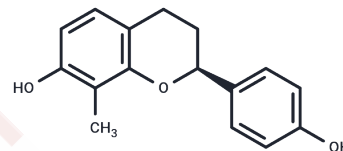


7,4'-Dihydroxy-8-methylflavan

Chemical Properties

CAS No. :	82925-55-1
Formula:	C ₁₆ H ₁₆ O ₃
Molecular Weight:	256.3
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	7,4'-Dihydroxy-8-methylflavan can significantly promote mesenchymal stem cells (MSCs) osteogenic differentiation by increasing the levels of alkaline phosphatase (ALP) activity. 7,4'-Dihydroxy-8-methylflavan also has free radical scavenging properties.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9017 mL	19.5084 mL	39.0168 mL
5 mM	0.7803 mL	3.9017 mL	7.8034 mL
10 mM	0.3902 mL	1.9508 mL	3.9017 mL
50 mM	0.078 mL	0.3902 mL	0.7803 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481