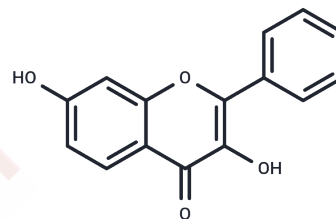


3,7-DIHYDROXYFLAVONE

Chemical Properties

CAS No. :	492-00-2
Formula:	C ₁₅ H ₁₀ O ₄
Molecular Weight:	254.24
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	3,7-DIHYDROXYFLAVONE is a natural product extracted from the herbs of <i>Atraphaxis pyrifolia</i>
Targets(IC50)	Estrogen Receptor/ERR,Others,Reductase,Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9333 mL	19.6665 mL	39.3329 mL
5 mM	0.7867 mL	3.9333 mL	7.8666 mL
10 mM	0.3933 mL	1.9666 mL	3.9333 mL
50 mM	0.0787 mL	0.3933 mL	0.7867 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.

Reference

Neves M P , Cidade H , Pinto M , et al. Prenylated derivatives of baicalein and 3,7-dihydroxyflavone: Synthesis and study of their effects on tumor cell lines growth, cell cycle and apoptosis[J]. European Journal of Medicinal Chemistry, 2011, 46(6):2562-2574.

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