

5,6,7-Trihydroxy-4'-methoxyflavone

Chemical Properties

CAS No. : 6563-66-2

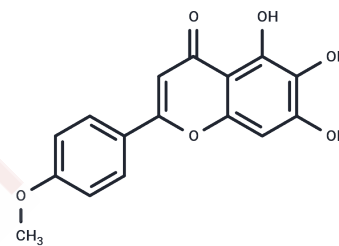
Formula: C₁₆H₁₂O₆

Molecular Weight: 300.27

Storage: Keep away from direct sunlight, Keep away from moisture

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	5,6,7-Trihydroxy-4'-methoxyflavone is an antioxidant natural product exhibiting an IC ₅₀ of 25.29 μM in DPPH radical scavenging activity assays on PC12 cells.
Targets(IC50)	Antioxidant, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3303 mL	16.6517 mL	33.3034 mL
5 mM	0.6661 mL	3.3303 mL	6.6607 mL
10 mM	0.333 mL	1.6652 mL	3.3303 mL
50 mM	0.0666 mL	0.333 mL	0.6661 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

Shi ZH, Li NG, Wang ZJ, et al. Synthesis and biological evaluation of methylated scutellarein analogs based on metabolic mechanism of scutellarin in vivo. Eur J Med Chem. 2015;106:95-105. doi:10.1016/j.ejmech.2015.10.039

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481