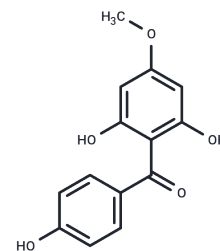


2,6,4'-Trihydroxy-4-methoxybenzophenone

Chemical Properties

CAS No. :	55051-85-9
Formula:	C ₁₄ H ₁₂ O ₅
Molecular Weight:	260.245
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	2,6,4'-Trihydroxy-4-methoxybenzophenone shows weak inhibitory activity of testosterone 5 α -reductase, it also shows significant inhibition of pancreatic lipase activity. 2,6,4'-Trihydroxy-4-methoxybenzophenone has neurotrophic activity, it induced neurite outgrowth in PC-12 cells at concentration of 50 microg/ml. 2,6,4 ² -Trihydroxy-4-methoxybenzophenone exhibits low cytotoxic effect against HeLa and 3T3 cell lines with IC ₅₀ values of 132 ug/ml and 158 ug/ml, respectively. It also shows antioxidant activity on DPPH with IC ₅₀ of 10.57 ug/mL.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8425 mL	19.2123 mL	38.4246 mL
5 mM	0.7685 mL	3.8425 mL	7.6849 mL
10 mM	0.3842 mL	1.9212 mL	3.8425 mL
50 mM	0.0768 mL	0.3842 mL	0.7685 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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