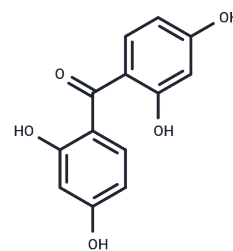


Benzophenone-2

Chemical Properties

CAS No. :	131-55-5
Formula:	C13H10O5
Molecular Weight:	246.22
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	Benzophenone-2 (2,2',4,4'-Tetrahydroxybenzophenone) is an endocrine disruptor that targets the pregnane X receptor (PXR) and estrogen receptor α (ER α). It modulates the expression of cytochrome P450 3A (CYP3A) by activating PXR. Benzophenone-2 is promising for research in UV filters.
Targets(IC50)	Estrogen Receptor/ERR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0614 mL	20.307 mL	40.6141 mL
5 mM	0.8123 mL	4.0614 mL	8.1228 mL
10 mM	0.4061 mL	2.0307 mL	4.0614 mL
50 mM	0.0812 mL	0.4061 mL	0.8123 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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