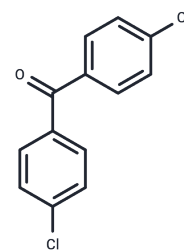


## 4,4'-Dichlorobenzophenone

## Chemical Properties

CAS No. :	90-98-2
Formula:	C <sub>13</sub> H <sub>8</sub> Cl <sub>2</sub> O
Molecular Weight:	251.11
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	4,4'-Dichlorobenzophenone is a chlorinated aromatic compound primarily used in the synthesis of polymers (such as PEEK), widely applied in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9823 mL	19.9116 mL	39.8232 mL
5 mM	0.7965 mL	3.9823 mL	7.9646 mL
10 mM	0.3982 mL	1.9912 mL	3.9823 mL
50 mM	0.0796 mL	0.3982 mL	0.7965 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

Wang L, et al. Comparative in vitro and in silico study on the estrogenic effects of 2,2-bis(4-chlorophenyl)ethanol, 4,4'-dichlorobenzophenone and DDT analogs. Sci Total Environ. 2023 Jun 10;876:162734.

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