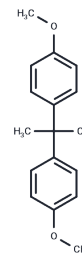


## Dimethyl-bisphenol A

## Chemical Properties

CAS No. :	1568-83-8
Formula:	C17H20O2
Molecular Weight:	256.34
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	Dimethyl-bisphenol A (DMBPA) is a potent inhibitor of HIF-1 $\alpha$ , promoting its degradation by dissociating Hsp90 from HIF-1 $\alpha$ and thus decreasing the expression of Vegfa mRNA [1].
Targets(IC50)	Others, HIF/HIF Prolyl-Hydroxylase
In vitro	Dimethyl-bisphenol A (DMBPA; 50 $\mu$ M; 30 min) significantly inhibits the expression of Vegfa120 and Vegfa164 in large osteoclasts (OCs) [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9011 mL	19.5053 mL	39.0107 mL
5 mM	0.7802 mL	3.9011 mL	7.8021 mL
10 mM	0.3901 mL	1.9505 mL	3.9011 mL
50 mM	0.078 mL	0.3901 mL	0.7802 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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