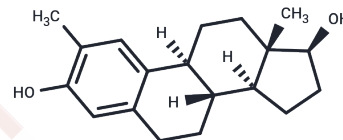


## 2-Methyl estradiol

## Chemical Properties

CAS No. :	1818-12-8
Formula:	C <sub>19</sub> H <sub>26</sub> O <sub>2</sub>
Molecular Weight:	286.409
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-Methyl estradiol is an endogenous metabolite of estradiol that inhibits cell proliferation and angiogenesis. The IC <sub>50</sub> values for its effects on the proliferation of HUVEC (human umbilical vein endothelial cells) and MCF-7 (human breast cancer cells) are 3 μM and 2.39 μM, respectively.
Targets(IC <sub>50</sub> )	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4915 mL	17.4575 mL	34.915 mL
5 mM	0.6983 mL	3.4915 mL	6.983 mL
10 mM	0.3491 mL	1.7457 mL	3.4915 mL
50 mM	0.0698 mL	0.3491 mL	0.6983 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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