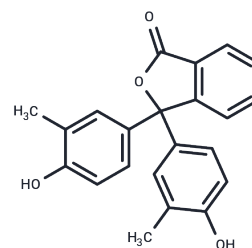


## o-Cresolphthalein

## Chemical Properties

CAS No. :	596-27-0
Formula:	C <sub>22</sub> H <sub>18</sub> O <sub>4</sub>
Molecular Weight:	346.38
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	o-Cresolphthalein (ortho-Cresolphthalein), a type of biocatalyst, plays a crucial role as a key enzyme in emerging biocatalyst technology. Enzyme engineering focuses on improving enzyme reaction kinetics, substrate selectivity, and activity under extreme conditions (such as low or high pH). By incorporating stimulus-responsive modifications into these enzymes, dynamic activity control is also achievable.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.887 mL	14.435 mL	28.870 mL
5 mM	0.5774 mL	2.887 mL	5.774 mL
10 mM	0.2887 mL	1.4435 mL	2.887 mL
50 mM	0.0577 mL	0.2887 mL	0.5774 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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