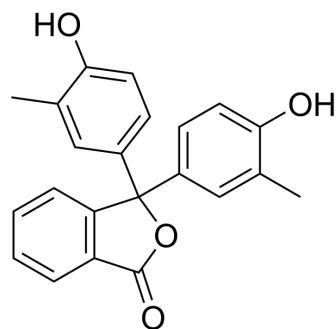


## o-Cresolphthalein

Cat. No.:	HY-D0234
CAS No.:	596-27-0
Molecular Formula:	C <sub>22</sub> H <sub>18</sub> O <sub>4</sub>
Molecular Weight:	346.38
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

o-Cresolphthalein (ortho-Cresolphthalein) is a biocatalyst and a key enzyme in new biocatalyst technology. Enzyme engineering focuses on enhancing enzyme reaction kinetics, substrate selectivity, and activity under harsh conditions such as low or high pH. By introducing stimulus responsiveness to these enzyme modifications, dynamic control of activity is also possible<sup>[1]</sup>.

### REFERENCES

[1]. Chen KD, et al. Disinfection Effect of Hexadecyl Pyridinium Chloride on SARS-CoV-2 in vitro. Intervirology. 2023;66(1):8-15.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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