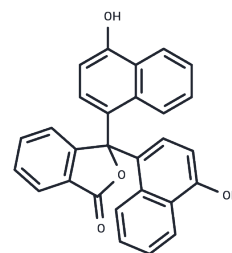


## alpha-Naphtholphthalein

## Chemical Properties

CAS No. :	596-01-0
Formula:	C <sub>28</sub> H <sub>18</sub> O <sub>4</sub>
Molecular Weight:	418.44
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	Alpha-Naphtholphthalein is an indicator that appears light yellow at pH 6 and transitions through a range of colors from light green to blue as pH increases. It can be impregnated into cotton-blend fabrics for the development of medical supplies for wound pH monitoring, such as medical gauze, hospital gowns, and compression bandages [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3898 mL	11.9491 mL	23.8983 mL
5 mM	0.478 mL	2.3898 mL	4.7797 mL
10 mM	0.239 mL	1.1949 mL	2.3898 mL
50 mM	0.0478 mL	0.239 mL	0.478 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.

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