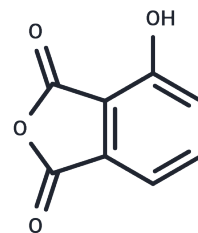


## 3-hydroxy-phthalicanhydrid

## Chemical Properties

CAS No. :	37418-88-5
Formula:	C <sub>8</sub> H <sub>4</sub> O <sub>4</sub>
Molecular Weight:	164.12
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	3-Hydroxyphthalic anhydride is used to synthesize 3-hydroxyphthalic anhydride modified human serum albumin.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (335.12 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0931 mL	30.4655 mL	60.931 mL
5 mM	1.2186 mL	6.0931 mL	12.1862 mL
10 mM	0.6093 mL	3.0466 mL	6.0931 mL
50 mM	0.1219 mL	0.6093 mL	1.2186 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.

## Reference

Zhang X, Chen J, Fei Y, et al. 3-Hydroxyphthalic anhydride-modified rabbit anti-PAP IgG antagonizes seminal amyloid fibrils and HIV infection[C]// 全国抗炎免疫药理学术会议. 2016.

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