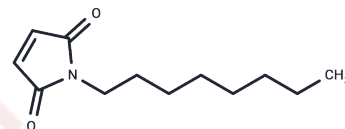


## N-Octylmaleimide

## Chemical Properties

CAS No. : 4080-76-6  
 Formula: C<sub>12</sub>H<sub>19</sub>NO<sub>2</sub>  
 Molecular Weight: 209.28  
 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	N-Octylmaleimide, an alkylmaleimide, can inhibit rat liver glucose 6-phosphatase (G6Pase).
Targets(IC50)	Others,Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7783 mL	23.8914 mL	47.7829 mL
5 mM	0.9557 mL	4.7783 mL	9.5566 mL
10 mM	0.4778 mL	2.3891 mL	4.7783 mL
50 mM	0.0956 mL	0.4778 mL	0.9557 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

B Vakili, M Banner, et al. Inhibition of rat liver glucose 6-phosphatase by N-alkylmaleimides. Biochem Soc Trans. 1979 Feb;7(1):168-70.

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