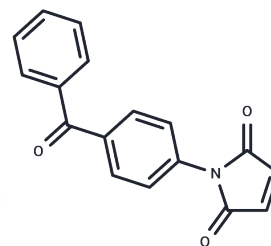


4-(Maleimido)benzophenone

Chemical Properties

CAS No. : 92944-71-3
 Formula: C₁₇H₁₁NO₃
 Molecular Weight: 277.2741
 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	4-(Maleimido)benzophenone is a biochemical reagent. The molecule simultaneously contains an active maleimide group and a benzophenone aromatic ring structure. The maleimide group can specifically undergo addition reactions with the thiol group (-SH) in biological macromolecules, while the benzophenone structure endows it with certain photoreactivity, thus giving it bifunctional properties.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6066 mL	18.033 mL	36.0659 mL
5 mM	0.7213 mL	3.6066 mL	7.2132 mL
10 mM	0.3607 mL	1.8033 mL	3.6066 mL
50 mM	0.0721 mL	0.3607 mL	0.7213 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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