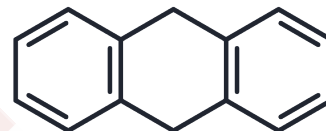


## 9,10-Dihydroanthracene

## Chemical Properties

CAS No. : 613-31-0  
Formula: C<sub>14</sub>H<sub>12</sub>  
Molecular Weight: 180.25  
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	9,10-Dihydroanthracene is an anthracene derivative widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5479 mL	27.7393 mL	55.4785 mL
5 mM	1.1096 mL	5.5479 mL	11.0957 mL
10 mM	0.5548 mL	2.7739 mL	5.5479 mL
50 mM	0.111 mL	0.5548 mL	1.1096 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

Jiang D, et al. Visible-Light-Triggered Quantitative Oxidation of 9,10-Dihydroanthracene to Anthraquinone by O<sub>2</sub> under Mild Conditions. ChemSusChem. 2020 Apr 7;13(7):1785-1792.

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