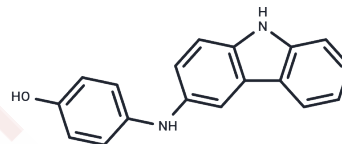


## 4-(9H-Carbazol-3-ylamino)phenol

## Chemical Properties

CAS No. :	86-72-6
Formula:	C <sub>18</sub> H <sub>14</sub> N <sub>2</sub> O
Molecular Weight:	274.32
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-(9H-Carbazol-3-ylamino)phenol is a versatile dye extensively utilized across various domains. This compound is crucial in biological experiments where it enables the observation and analysis of cell structures, tracking of biomolecules, assessment of cell functions, differentiation of cell types, detection of biomolecules, examination of tissue pathology, and monitoring of microorganisms. Its applications span from fundamental scientific research to a wide spectrum of clinical diagnostics. Beyond biomedical applications, this dye finds significant use in traditional sectors like textile dyeing and in innovative areas including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6454 mL	18.2269 mL	36.4538 mL
5 mM	0.7291 mL	3.6454 mL	7.2908 mL
10 mM	0.3645 mL	1.8227 mL	3.6454 mL
50 mM	0.0729 mL	0.3645 mL	0.7291 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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