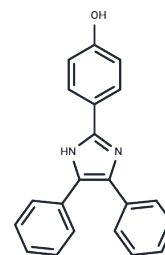


4-(4,5-Diphenyl-1H-imidazol-2-yl)phenol

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1752-94-9 |
| Formula: | C ₂₁ H ₁₆ N ₂ O |
| Molecular Weight: | 312.365 |
| 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-(4,5-Diphenyl-1H-imidazol-2-yl)phenol is an organic compound frequently utilized in fluorescent dyes and catalysis. It is applied in the fabrication of certain organic light-emitting diodes (OLEDs) and organic solar cells, and finds extensive use in chemical sensors and analytical instruments. Furthermore, this compound serves as a catalyst or buffer in certain chemical reactions. |
|-------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2013 mL | 16.0067 mL | 32.0133 mL |
| 5 mM | 0.6403 mL | 3.2013 mL | 6.4027 mL |
| 10 mM | 0.3201 mL | 1.6007 mL | 3.2013 mL |
| 50 mM | 0.064 mL | 0.3201 mL | 0.6403 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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