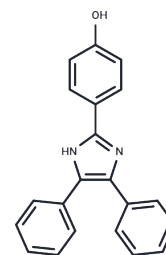


4-(4,5-Diphenyl-1H-imidazol-2-yl)phenol

Chemical Properties

CAS No. :	1752-94-9
Formula:	C ₂₁ H ₁₆ N ₂ O
Molecular Weight:	312.37
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.
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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.

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