

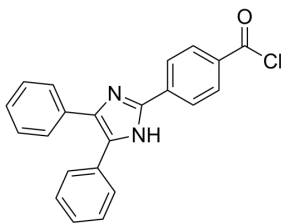
## 4-(4,5-Diphenyl-1H-imidazol-2-yl)benzoyl chloride

Cat. No.: HY-D0059  
 CAS No.: 162756-62-9  
 Batch No.: 311478  
 Chemical Name: Benzoyl chloride, 4-(4,5-diphenyl-1H-imidazol-2-yl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{15}ClN_2O$   
 Molecular Weight: 358.82  
 Storage: -20°C, sealed storage, away from moisture and light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (NMR):  $\geq 98.0\%$   
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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