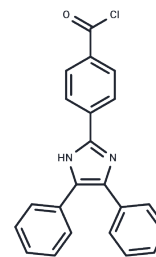


4-(4,5-Diphenyl-1H-imidazol-2-yl)benzoyl chloride

Chemical Properties

CAS No. :	162756-62-9
Formula:	C ₂₂ H ₁₅ ClN ₂ O
Molecular Weight:	358.82
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)benzoyl chloride (DIB-Cl) serves as a fluorescent labeling reagent. It is utilized for labeling amines and has been successfully applied in the determination of activator amines using HPLC [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7869 mL	13.9346 mL	27.8691 mL
5 mM	0.5574 mL	2.7869 mL	5.5738 mL
10 mM	0.2787 mL	1.3935 mL	2.7869 mL
50 mM	0.0557 mL	0.2787 mL	0.5574 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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