

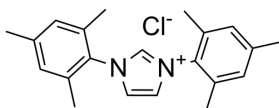
## 1,3-Dimesitylimidazolium (chloride)

Cat. No.: HY-W008355  
 CAS No.: 141556-45-8  
 Batch No.: 348594  
 Chemical Name: 1H-Imidazolium, 1,3-bis(2,4,6-trimethylphenyl)-, chloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{25}ClN_2$   
 Molecular Weight: 340.89  
 Storage: 4°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Off-white to yellow (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (HPLC): 99.87%  
 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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