

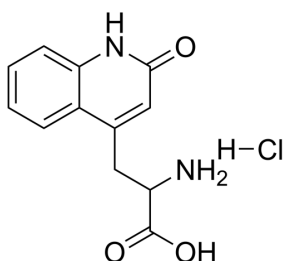
## 2-Amino-3-(2-oxo-1,2-dihydroquinolin-4-yl)propanoic acid hydrochloride

Cat. No.: HY-W040804  
CAS No.: 4876-14-6  
Batch No.: 432110  
Chemical Name: 2-Amino-3-(2-oxo-1,2-dihydroquinolin-4-yl)propanoic acid hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{13}ClN_2O_3$   
Molecular Weight: 268.70  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
                                                          -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 99.51%  
Loss on Drying (LOD): 0.83%  
Assay: 98.68%  
Note: Assay=(100 %- LOD) x Purity ( %) /100%  
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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