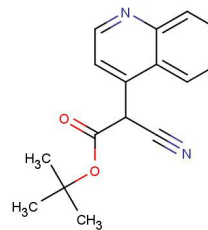


# CERTIFICATE OF ANALYSIS

Print Date: March 29, 2020

## PRODUCT INFORMATION

CAS No.: 1951451-78-7  
Product Name: tert-butyl 2-cyano-2-(quinolin-4-yl)acetate  
Synonyms: N/A  
MW: 268.316  
MF: C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>



## BATCH INFORMATION

Batch Number: 108680  
Manufacture Date: March 28, 2020  
Quantity: 100g  
Recommended Retest Date: March 28, 2022

## STORAGE

Refridge Temperature

## Analytical Data

Appearance: Yellow solid  
Assay (HPLC): 95.0%  
<sup>1</sup>H-NMR: Consistent with structure  
Remarks:

Issued By: Shenqi Wei

Approved By: Shuyin Gu