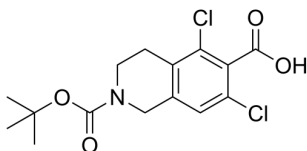


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	2-(tert-Butoxycarbonyl)-5,7-dichloro-1,2,3,4-tetrahydroisoquinoline-6-carboxylic acid
<b>Cat. No.:</b>	1111351
<b>CAS No.:</b>	851784-82-2
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>17</sub> Cl <sub>2</sub> NO <sub>4</sub>
<b>Molecular Weight:</b>	346.21
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le070578759
<b>Storage:</b>	-20°C, sealed storage, away from moisture
<b>Test Date:</b>	2018-07-23
<b>Retest Date:</b>	2022-07-22
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (HPLC):</b>	96.97%
<b>Residue on Ignition:</b>	0.17%
<b>Water(KF):</b>	0.20%
<b>Loss on Drying:</b>	0.06%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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