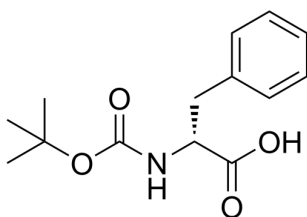


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Boc-D-Phe-OH (Bortezomib Impurity)
<b>Cat. No.:</b>	1240328
<b>CAS No.:</b>	18942-49-9
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>19</sub> NO <sub>4</sub>
<b>Molecular Weight:</b>	265.30
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le07289I
<b>Storage:</b>	Store at room temperature
<b>Test Date:</b>	2021-07-28
<b>Retest Date:</b>	2026-07-27
<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>Optical Rotation:</b>	Consistent with structure
<b>Purity (LCMS):</b>	99.59%
<b>Water(KF):</b>	0.11%
<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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