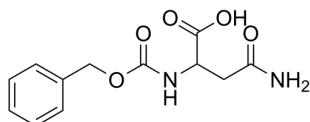


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	4-Amino-2-(Cbz-amino)-4-oxobutyric Acid
<b>Cat. No.:</b>	1220591
<b>CAS No.:</b>	29880-22-6
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	266.25
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le1013102848
<b>Storage:</b>	Store at room temperature
<b>Test Date:</b>	2021-10-15
<b>Retest Date:</b>	2026-10-14
<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>Purity (HPLC):</b>	99.19%
<b>Water(KF):</b>	0.08%
<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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