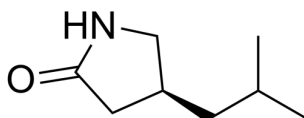


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(S)-4-Isobutylpyrrolidin-2-one
<b>Cat. No.:</b>	1167156
<b>CAS No.:</b>	181289-23-6
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>15</sub> NO
<b>Molecular Weight:</b>	141.21
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lg0421240354
<b>Storage:</b>	Storage temp. 2-8°C
<b>Test Date:</b>	2023-04-23
<b>Retest Date:</b>	2026-04-22
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Off-white to light yellow (Solid-liquid mixture)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Optical Rotation:</b>	Consistent with structure
<b>Purity (GC):</b>	99.83%
<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.**

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai