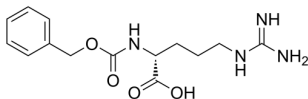


## Certificate of Analysis

### Compound Information

**Product Name:** Z-D-Arg-OH  
**Cat. No.:** 1038781  
**CAS No.:** 6382-93-0  
**Molecular Formula:** C<sub>14</sub>H<sub>20</sub>N<sub>4</sub>O<sub>4</sub>  
**Molecular Weight:** 308.33  
**Chemical Structure:**



### Batch Information

**Batch No.:** Lf1213189857  
**Storage:** Storage temp. 2-8°C  
**Test Date:** 2022-12-13  
**Retest Date:** 2025-12-12  
**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)  
**<sup>1</sup> H NMR Spectrum:** Consistent with structure  
**MS:** Consistent with structure  
**Purity (NMR):** ≥97.0%  
**OR(C=1.00 g/100ml,MEOH):** -7.3°  
**Conclusion:** 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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