

## Certificate of Analysis

### Compound Information

**Product Name:** 2,9-Dibutyl-1,10-phenanthroline

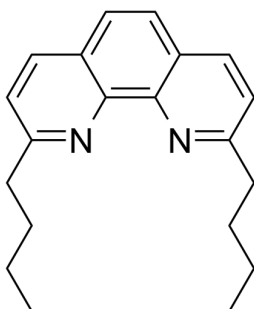
**Cat. No.:** 1156711

**CAS No.:** 85575-93-5

**Molecular Formula:** C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>

**Molecular Weight:** 292.42

**Chemical Structure:**



### Batch Information

**Batch No.:** Ld07171b

**Storage:** 2-8°C, protect from light, stored under nitrogen

**Mfg. Date:** 2020-07-17

**Retest Date:** 2023-07-16

**Origin:** Shanghai, China

### QC Summary

**Appearance:** Off-white to light yellow (Solid)

**<sup>1</sup>H NMR Spectrum:** Consistent with structure

**Purity (HPLC):** 98.85%

**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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