

## Certificate of Analysis

### Compound Information

**Product Name:** (R)-[1,1'-Binaphthalene]-2,2'-diamine

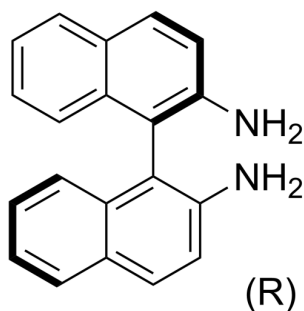
**Cat. No.:** 1024450

**CAS No.:** 18741-85-0

**Molecular Formula:** C<sub>20</sub>H<sub>16</sub>N<sub>2</sub>

**Molecular Weight:** 284.35

**Chemical Structure:**



### Batch Information

**Batch No.:** Lb110m

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

**Test Date:** 2018-11-02

**Retest Date:** 2023-11-01

**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to light brown (Solid)

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

**Optical Rotation:** Consistent with structure

**Purity (HPLC):** 99.95%

**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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