



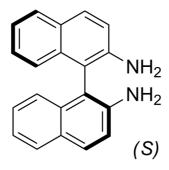
## **Certificate of Analysis**

## **Compound Information**

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

Cat. No.:1024344CAS No.:18531-95-8Molecular Formula: $C_{20}H_{16}N_2$ Molecular Weight:284.35

**Chemical Structure:** 



## **Batch Information**

Batch No.: Lb0920004

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

Test Date: 2018-09-20
Retest Date: 2022-09-19
Origin: Shanghai, China

**QC Summary** 

Appearance: White to off-white (Solid)

1 H NMR Spectrum: Consistent with structure

Optical Rotation: Consistent with structure

**Purity (NMR):** ≥97.0%

**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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