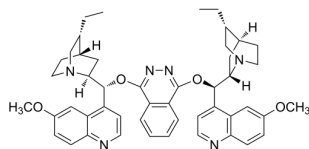


## Certificate of Analysis

### Compound Information

**Product Name:** (DHQ)2PHAL  
**Cat. No.:** 1021085  
**CAS No.:** 140924-50-1  
**Molecular Formula:** C<sub>48</sub>H<sub>54</sub>N<sub>6</sub>O<sub>4</sub>  
**Molecular Weight:** 778.98  
**Chemical Structure:**



### Batch Information

**Batch No.:** Lc0327027  
**Storage:** 2-8°C, protect from light, stored under nitrogen  
**Test Date:** 2019-03-27  
**Retest Date:** 2022-03-26  
**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (LCMS):** ≥98.0%  
**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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