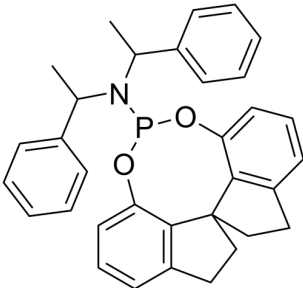


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	N,N-Bis(1-phenylethyl)-4,5,6,7-tetrahydroindeno[7,1-de:1',7'-fg][1,3,2]dioxaphosphocin-12-amine
<b>Cat. No.:</b>	1598604
<b>CAS No.:</b>	656233-47-5
<b>Molecular Formula:</b>	C <sub>33</sub> H <sub>32</sub> NO <sub>2</sub> P
<b>Molecular Weight:</b>	505.59
<b>Chemical Structure:</b>	

### Batch Information

<b>Batch No.:</b>	Lf1031178912
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2022-10-31
<b>Retest Date:</b>	2025-10-30
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥95.0%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Research use only and are not intended for human use.**

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai