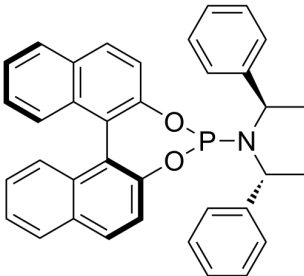


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(S,R,R)-(+)-(3,5-Dioxa-4-phosphacyclohepta[2,1-a:3,4-a']dinaphthalen-4-yl)bis(1-phenylethyl)amine
<b>Cat. No.:</b>	1157478
<b>CAS No.:</b>	497883-22-4
<b>Molecular Formula:</b>	C <sub>36</sub> H <sub>30</sub> NO <sub>2</sub> P
<b>Molecular Weight:</b>	539.60
<b>Chemical Structure:</b>	

### Batch Information

<b>Batch No.:</b>	Ld0410014
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2020-06-18
<b>Retest Date:</b>	2023-06-17
<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