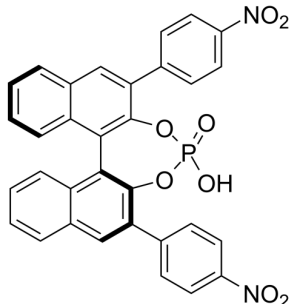


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(11bS)-4-Hydroxy-2,6-bis(4-nitrophenyl)-4-oxide-dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin
<b>Cat. No.:</b>	1161274
<b>CAS No.:</b>	878111-16-1
<b>Molecular Formula:</b>	C <sub>32</sub> H <sub>19</sub> N <sub>2</sub> O <sub>8</sub> P
<b>Molecular Weight:</b>	590.48
<b>Chemical Structure:</b>	

### Batch Information

<b>Batch No.:</b>	Lc0531134
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Mfg. Date:</b>	2019-06-03
<b>Retest Date:</b>	2022-06-02
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Light yellow to yellow (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥97.0%
<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

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