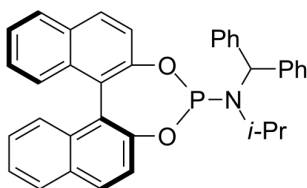


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(11bS)-N-(Diphenylmethyl)-N-(i-propyl)dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin-4-amine
<b>Cat. No.:</b>	1178783
<b>CAS No.:</b>	1637749-69-9
<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>	Lf1106180210
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Mfg. Date:</b>	2022-11-06
<b>Retest Date:</b>	2025-11-05
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Off-white to light yellow (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Optical Rotation:</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.

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