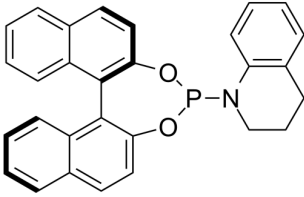


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	1-(11bR)-Dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin-4-yl-1,2,3,4-tetrahydroquinoline
<b>Cat. No.:</b>	1161795
<b>CAS No.:</b>	1360145-09-0
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>22</sub> NO <sub>2</sub> P
<b>Molecular Weight:</b>	447.46
<b>Chemical Structure:</b>	

(R)

### Batch Information

<b>Batch No.:</b>	Lf0607137975
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Mfg. Date:</b>	2022-06-07
<b>Retest Date:</b>	2025-06-06
<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>	≥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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