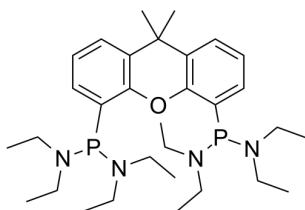


## Certificate of Analysis

### Compound Information

|                            |  |
|----------------------------|--|
| <b>Product Name:</b>       | Xantphos based ligand  |
| <b>Cat. No.:</b>           | 1030414  |
| <b>CAS No.:</b>            | 349100-75-0  |
| <b>Molecular Formula:</b>  | C <sub>31</sub> H <sub>52</sub> N <sub>4</sub> OP <sub>2</sub> |
| <b>Molecular Weight:</b>   | 558.73   |
| <b>Chemical Structure:</b> |  |



### Batch Information

|                     |                              |
|---------------------|------------------------------|
| <b>Batch No.:</b>   | Lf0817160927                 |
| <b>Storage:</b>     | -20°C, stored under nitrogen |
| <b>Mfg. Date:</b>   | 2022-08-17                   |
| <b>Retest Date:</b> | 2025-08-16                   |
| <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>               | ≥96.0%  |
| <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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