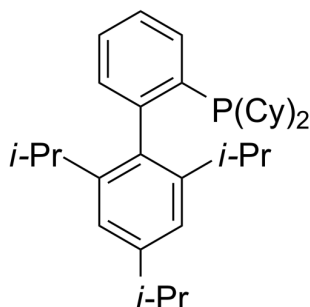


Certificate of Analysis

Compound Information

| | |
|----------------------------|-----------------------------------|
| Product Name: | XPhos |
| Cat. No.: | 1036058 |
| CAS No.: | 564483-18-7 |
| Molecular Formula: | C ₃₃ H ₄₉ P |
| Molecular Weight: | 476.72 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|--|
| Batch No.: | Lc0715018 |
| Storage: | 2-8°C, protect from light, stored under nitrogen |
| Mfg. Date: | 2019-07-17 |
| Retest Date: | 2022-07-16 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| MS: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| Conclusion: | 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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