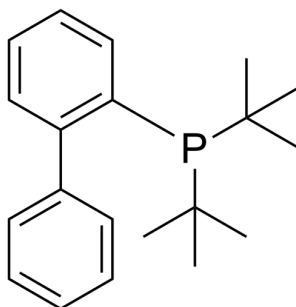


Certificate of Analysis

Compound Information

| | |
|----------------------------|-----------------------------------|
| Product Name: | JohnPhos |
| Cat. No.: | 1026350 |
| CAS No.: | 224311-51-7 |
| Molecular Formula: | C ₂₀ H ₂₇ P |
| Molecular Weight: | 298.40 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|------------------------------|
| Batch No.: | Le020740859 |
| Storage: | 2-8°C, stored under nitrogen |
| Test Date: | 2021-02-07 |
| Retest Date: | 2024-02-06 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 98.65% |
| Conclusion: | 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

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