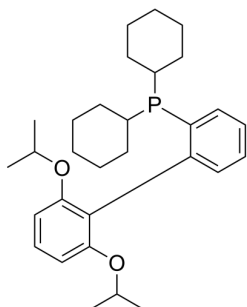


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	RuPhos
<b>Cat. No.:</b>	1043563
<b>CAS No.:</b>	787618-22-8
<b>Molecular Formula:</b>	C <sub>30</sub> H <sub>43</sub> O <sub>2</sub> P
<b>Molecular Weight:</b>	466.63
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lb1109007
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2018-11-09
<b>Retest Date:</b>	2021-11-08
<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 (HPLC):</b>	97.23%
<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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