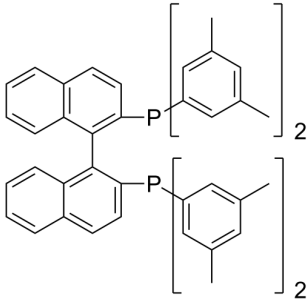


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	2,2'-Bis[di(3,5-dimethylphenyl)phosphino]-1,1'-binaphthyl
<b>Cat. No.:</b>	1157153
<b>CAS No.:</b>	145416-77-9
<b>Molecular Formula:</b>	C <sub>52</sub> H <sub>48</sub> P <sub>2</sub>
<b>Molecular Weight:</b>	734.89
<b>Chemical Structure:</b>	

### Batch Information

<b>Batch No.:</b>	Lf1129186302
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Mfg. Date:</b>	2022-11-29
<b>Retest Date:</b>	2025-11-28
<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>	≥98.0%
<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.

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai