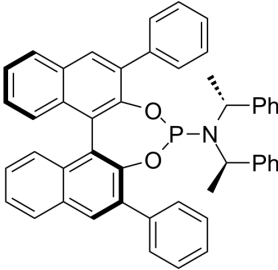


## Certificate of Analysis

<b>Product Name:</b>	(11bS)- 2,6-diphenyl-N,N-bis[(1R)-1-phenylethyl]-dinaphtho[2,1-d':1',2'-f][1,3,2]dioxaphosphepin-4-amine
<b>Cat. No.:</b>	CS-0091952
<b>CAS No.:</b>	882992-52-1
<b>Batch No.:</b>	Lf0615140275

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>48</sub> H <sub>38</sub> NO <sub>2</sub> P
<b>Molecular Weight:</b>	691.79
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Chemical Structure:</b>	

### ANALYTICAL DATA

<b>Appearance:</b>	Off-white to light yellow (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥97.0%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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