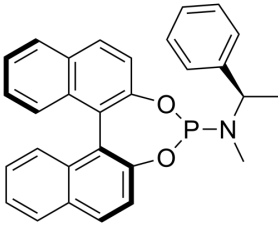


## Certificate of Analysis

<b>Product Name:</b>	(11bR)-N-Methyl-N-[(R)-1-phenylethyl]-dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin-4-amine
<b>Cat. No.:</b>	CS-0087612
<b>CAS No.:</b>	1021439-57-5
<b>Batch No.:</b>	Lf0628143230

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>24</sub> NO <sub>2</sub> P
<b>Molecular Weight:</b>	449.48
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Chemical Structure:</b>	

### ANALYTICAL DATA

<b>Appearance:</b>	White to off-white (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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