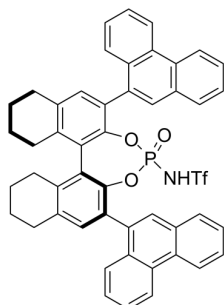


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	1,1,1-Trifluoro-N-[(11bS)-8,9,10,11,12,13,14,15-octahydro-4-oxido-2,6-di-9-phenanthrenyldinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin-4-yl]methanesulfonamide
<b>Cat. No.:</b>	1183967
<b>Molecular Formula:</b>	C <sub>49</sub> H <sub>37</sub> F <sub>3</sub> NO <sub>5</sub> PS
<b>Molecular Weight:</b>	839.86
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Ld122326808
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Mfg. Date:</b>	2020-12-23
<b>Retest Date:</b>	2023-12-22
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Light yellow to yellow (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥95.0%
<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

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