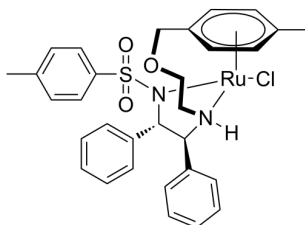


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Chloro[(S,S)-N-[2-(4-methylbenzyloxy)ethyl]-N'-(p-toluenesulfonyl)-1,2-diphenylethylenediamine]ruthenium(II)
<b>Cat. No.:</b>	1151971
<b>CAS No.:</b>	1384974-37-1
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>33</sub> ClN <sub>2</sub> O <sub>3</sub> RuS
<b>Molecular Weight:</b>	650.19
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	L393832
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2024-04-08
<b>Retest Date:</b>	2027-04-07
<b>Origin:</b>	Shanghai, China

### QC Summary

	Specification	Result
<b>Appearance:</b>	Gray to brown (Solid)	Brown (Powder)
<b>Purity(HPLC),ω/%:</b>	>98.0	98.2
<b>Optical Purity(EE),ω/%:</b>	≥99.0	Conforms
<b>Ruthenium Content,ω/%:</b>	12.00-14.00	13.07
<b>Solvent residue,ω/%:</b>	<2.0	Conforms
<b>Melting point,°C:</b>	100.00-104.00	102-103
<b>Moisture,ω/%:</b>	<1.0	0.34
<b>Identification (FTIR):</b>	Conforms	Conforms
<b>Structure Identification(<sup>1</sup>H NMR Spectrum):</b>	Conforms	Conforms
<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