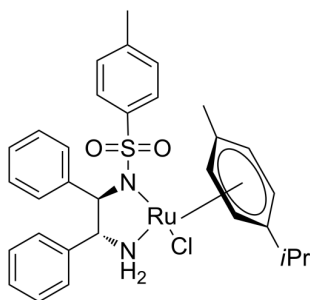


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	RuCl(p-cymene)[(R,R)-Ts-DPEN]
<b>Cat. No.:</b>	1091869
<b>CAS No.:</b>	192139-92-7
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>35</sub> ClN <sub>2</sub> O <sub>2</sub> RuS
<b>Molecular Weight:</b>	636.21
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Ld111723142
<b>Storage:</b>	-20°C, stored under nitrogen
<b>Test Date:</b>	2020-11-17
<b>Retest Date:</b>	2023-11-16
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Yellow to brown (Solid)
<b>Purity:</b>	≥98.0%
<b>Ru:</b>	≥15.57%
<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