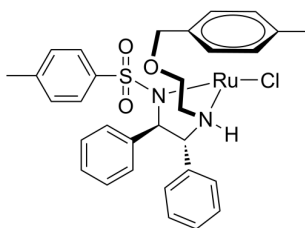


# Certificate of Analysis

## Compound Information

<b>Product Name:</b>	(R,R)-Ts-DENEB
<b>Cat. No.:</b>	1105790
<b>CAS No.:</b>	1333981-84-2
<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>	Lg0908302854
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2023-09-08
<b>Retest Date:</b>	2026-09-07
<b>Origin:</b>	Shanghai, China

## QC Summary

QC Summary	Specification	Result
<b>Appearance:</b>	Yellow to brown (Solid)	Brown (Powder)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure	Consistent with structure
<b>Structure Identification(Proton NMR Spectrum),ω/%:</b>	Conforms	Conforms
<b>Ruthenium(Ru),ω/%:</b>	12-14	14
<b>Moisture,ω/%:</b>	≤1	0.5
<b>Residual Solvent (3-Methoxy-1-Propanol),ω/%:</b>	≤3	0.9
<b>Residual Solvent (MIBK),ω/%:</b>	≤1	0.6
<b>Residual Solvent (Heptane),ω/%:</b>	≤1	qualified
<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.**

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