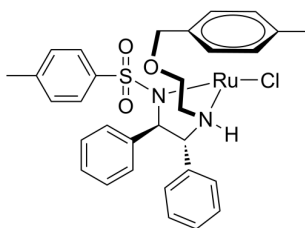


Certificate of Analysis

Compound Information

Product Name:	(R,R)-Ts-DENEB
Cat. No.:	1105790
CAS No.:	1333981-84-2
Molecular Formula:	C ₃₁ H ₃₃ ClN ₂ O ₃ RuS
Molecular Weight:	650.19
Chemical Structure:	



Batch Information

Batch No.:	Lg1013312098
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2023-10-13
Retest Date:	2026-10-12
Origin:	Shanghai, China

QC Summary

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