

Certificate of Analysis

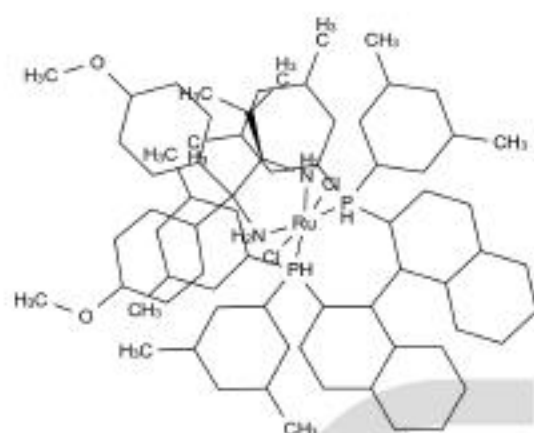
Reference Material & Standard

Product Name:	220114-32-9 Dichloro[(R)-2,2 inverted exclamation mark-bis(di(3,5-xylyl)phosphino)-1,1 inverted exclamation mark-binaphthyl][(2R)-1,1-bis(4-methoxyphenyl)-3-methyl-1,2-butanedi-amine]ruthenium(II) RuCl ₂ [(R)-DM-BINAP][(R)-DAIPEN]	Catalogue Number:	C1913567
Synonyms:	N/A	Lot Number:	0316-SA-7980
CAS Number:	220114-32-9	Expiry Date:	Mar 15, 28
Molecular Formula:	C ₇₁ H ₁₃₂ Cl ₂ N ₂ O ₂ P ₂ Ru	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1279.74		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	98.467%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Mar 16, 24

Date: Mar 16, 24

Date: Mar 16, 24



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Page 1 of 6



Official WeChat

Directions:

- 1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
- 2. Minimum sample size: 1mg is recommended as the minimum sample size.*
- 3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
- 4. Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Mar 16, 24	First release.

