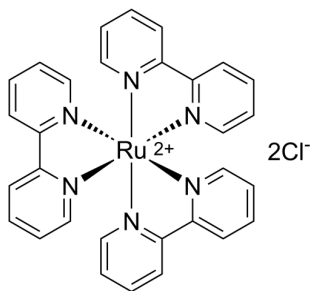


## Certificate of Analysis

### Compound Information

Product Name:	Tris(2,2'-bipyridine)ruthenium dichloride
Cat. No.:	1152645
CAS No.:	14323-06-9
Molecular Formula:	C <sub>30</sub> H <sub>24</sub> Cl <sub>2</sub> N <sub>6</sub> Ru
Molecular Weight:	640.53
Chemical Structure:	



### Batch Information

Batch No.:	Ld051302683
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2020-05-13
Retest Date:	2023-05-12
Origin:	Shanghai, China

### QC Summary

Appearance:	Orange to red (Solid)
Purity:	≥98.0%
Ru:	15.5%
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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