



## CERTIFICATE OF ANALYSIS

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### 1. Identification

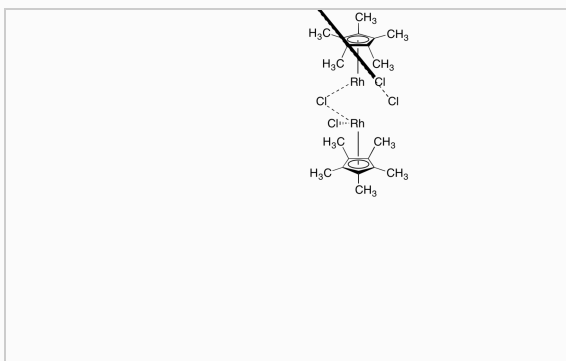
**Catalogue Number:** D435370

**CAS Number:** 12354-85-7

**Product:** Dichloro(pentamethylcyclopentadienyl)rhodium(III) Dimer

**Synonym:** 1,2,3,4,5-Pentamethyl-1,3-cyclopentadiene Rhodium Complex; ( $\eta^5$ -Pentamethylcyclopentadienyl)rhodium Dichloride Dimer; Bis(chloro( $\mu$ -chloro)( $\eta^5$ -pentamethylcyclopentadienyl)rhodium); Bis(dichloro(pentamethylcyclopentadienyl)rhodium); Bis(pentamethylcyclopentadienylrhodium dichloride); Bis( $\mu$ -chloro)bis(chloro( $\eta^5$ -pentamethylcyclopentadienyl)rhodium); Bis[dichloro( $\eta^5$ -(pentamethylcyclopentadienyl)]rhodium]; Di- $\mu$ -Chlorodichlorobis(pentamethyl- $\eta^5$ -cyclopentadienyl)dirhodium; Di- $\mu$ -chlorobis[chloro( $\eta^5$ -pentame

**Structure:**



**Molecular Formula:**

$C_{20}H_{30}Cl_4Rh_2$

**Molecular weight:**

618.08

**Source of Product:**

N/A

**Solubility:**

Chloroform (Sparingly),  
Methanol (Slightly)

**Lot Number:** 2-JLO-120-1

**Purity:** 97%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Dark Red to Very Dark Brown Solid	Dark Red to Very Dark Red Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 38.51, %H: 4.85
MS	Conforms to Structure	Conforms

**Additional Information:**

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

**Reviewed By**  
Henry Tieu



**Reviewed By**  
Toni Rantanen



**C of A Approved By**  
Chanell Chu



**Test Date**  
11/4/2022

**Retest Date**  
11/2/2026