



CERTIFICATE OF ANALYSIS

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1. Identification

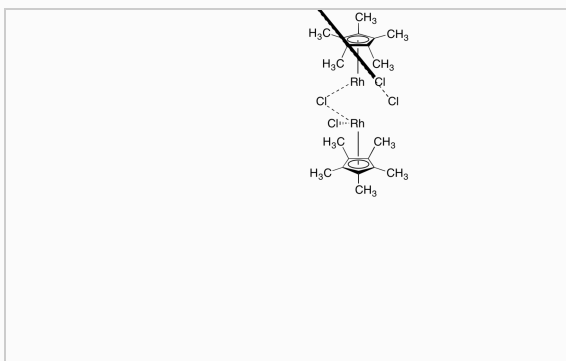
Catalogue Number: D435370

CAS Number: 12354-85-7

Product: Dichloro(pentamethylcyclopentadienyl)rhodium(III) Dimer

Synonym: 1,2,3,4,5-Pentamethyl-1,3-cyclopentadiene Rhodium Complex; (η^5 -Pentamethylcyclopentadienyl)rhodium Dichloride Dimer; Bis(chloro(μ -chloro)(η^5 -pentamethylcyclopentadienyl)rhodium); Bis(dichloro(pentamethylcyclopentadienyl)rhodium); Bis(pentamethylcyclopentadienylrhodium dichloride); Bis(μ -chloro)bis(chloro(η^5 -pentamethylcyclopentadienyl)rhodium); Bis[dichloro(η^5 -pentamethylcyclopentadienyl)]rhodium]; Di- μ -Chlorodichlorobis(pentamethyl- η^5 -cyclopentadienyl)dirhodium; Di- μ -chlorobis[chloro(η^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: 2022-JPO-060

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	Very Dark Red Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 38.48, %H: 5.01
MS	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Chloride Content	Report Result	22.3%

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
Nicole Yip



Reviewed By
Toni Rantanen



C of A Approved By
Chanell Chu



Test Date
12/14/2022

Retest Date
12/12/2026