



CERTIFICATE OF ANALYSIS

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1. Identification

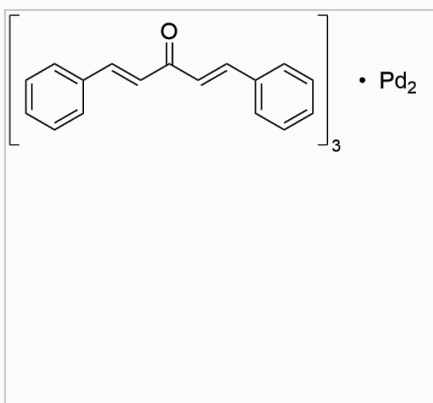
Catalogue Number: T876335

CAS Number: 51364-51-3

Product: Tris(dibenzylideneacetone)dipalladium

Synonym: (all-E)-Tris[μ-[(1,2-η:4,5-η)-1,5-diphenyl-1,4-pentadien-3-one]]di-palladium; (E,E)-1,5-Diphenyl-1,4-pentadien-3-one Palladium Complex; Tris(dibenzylideneacetonyl)bis-palladium; Tris[(1E,4E)-1,5-diphenyl-1,4-pentadien-3-one]dipalladium; Tris[μ-[(1,2-η:4,5-η)-(1E,4E)-1,5-diphenyl-1,4-pentadien-3-one]]dipalladium; tris[μ-[(1,2-η:4,5-η)-(1E,4E)-1,5-diphenyl-1,4-pentadien-3-one]]dipalladium [Pd2(dba)3];

Structure:



Molecular Formula:

C₅₁H₄₂O₃Pd₂

Molecular weight:

915.73

Source of Product:

N/A

Solubility:

Chloroform (Sparingly, Sonicated), DMSO (Slightly, Sonicated), Methanol (Slightl

Lot Number: 18-SBL-187-1

Purity: 95%

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:
FT-IR	Conforms to Structure	Conforms
UV Absorbance	Report Result	243 nm, 324 nm, 524 nm
Appearance	Dark Red to Black Solid	Very Dark Red to Black Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 66.55, %H: 4.86
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 ± 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	9/17/2021	9/15/2025
				