

Certificate of Analysis

Reference Material & Standard

Product Name:	12,12'-Bis(diphenylphosphino)-9,9',10,10'-tetra hydro-11,11'-bi-9,10-ethenoanthracene	Catalogue Number:	C1019634
Synonyms:	N/A	Lot Number:	1110-SA-7003
CAS Number:	1020670-88-5	Expiry Date:	Nov 09, 28
Molecular Formula:	$C_{56}H_{40}P_2$ $C_{56}H_6 P_2 17 \cdot H_2$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	774.86 678.65 61.95 17*2.02		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	97.590%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Nov 10, 24

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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	Nov 10, 24	First release.

