



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-224970
Lot Number: SAMPLE
Product Name: (11bR)-2,6-Bis(diphenylphosphino)-N,N-dimethyldinaphtho[2,1-d:1',2'-f]-1,3,2-dioxaphosphepin-4-amine
CAS Number: 913617-04-6
Molecular Formula: $C_{46}H_{36}NO_2P_3$
Molecular Weight: 727.70

Test	Result
Appearance	Tan powder
Identification (13C-NMR)	Consistent with structure
Identification (31P-NMR)	Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure
Melting Point	245 - 248.5 °C
Optical Rotation	-357° (c=1% CHCl ₃)
Carbon Content	76.14%
Hydrogen Content	5.11%
Nitrogen Content	1.92%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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