



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-298696
Lot Number: SAMPLE
Product Name: (2S,5S)-(+)-1-(2-(1,3-Dioxolan-2-yl)phenyl)-2,5-dimethylphospholane
CAS Number: 695816-47-8
Molecular Formula: $C_{15}H_{21}O_2P$
Molecular Weight: 264.30

Test	Result
Appearance	Colorless viscous liquid
Identification (1H -NMR)	Consistent with structure
Identification (^{13}C -NMR)	Consistent with structure
Identification (^{31}P -NMR)	Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure
Purity (HPLC)	98.5%
Optical Rotation	+ 36° (c = 1%, $CHCl_3$)
Refractive Index (n _{20/D})	1.5713
Carbon Content	68.03%
Hydrogen Content	7.74%

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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