



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250834
Lot Number: SAMPLE
Product Name: R-MOP
CAS Number: 145964-33-6
Molecular Formula: $C_{33}H_{25}OP$
Molecular Weight: 468.52

Test	Specification	Result
Appearance	White to beige solid, powder, crystals	White powder
Identification (1H-NMR)		Consistent with structure
Identification (31P-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)		Consistent with structure
Purity (HPLC)	$\geq 94.0\%$	96.4%
Optical Rotation	$+94.0 \pm 5^\circ$ (c = 0.5%, CHCl ₃)	$+93.7^\circ$ (c = 0.5%, CHCl ₃)
Carbon Content		84.69%

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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