



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-205973  
Lot Number: SAMPLE  
Product Name: SH-5  
CAS Number: N/A  
Molecular Formula:  $C_{29}H_{59}O_{10}P$   
Molecular Weight: 598.7

Test	Specification	Result
Appearance	White to off-white solid	White solid
Identification ( $^1H$ -NMR)	Consistent with standard reference	Complies
Identification ( $^{13}C$ -NMR)	Consistent with standard reference	Complies
Identification ( $^{31}P$ -NMR)	Consistent with standard reference	Complies
Identification (Mass Spectrometry)	Consistent with standard reference	Complies
Purity (HPLC)	$\geq 98\%$	98%
Solubility	Soluble in DMSO (10 mg/ml) or methanol; slightly soluble in water	Complies
Optical Rotation ( $\alpha_{20/D}$ )	$-19.0^\circ \pm 2.0^\circ$	$-18.8^\circ$

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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