



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-301681  
Lot Number: SAMPLE  
Product Name: (R)-3,3'-Di-9-phenanthrenyl-1,1'-bi-2-naphthol  
CAS Number:  
Molecular Formula:  $C_{48}H_{30}O_2$   
Molecular Weight: 638.75

Test	Specification	Result
Appearance	White to orange to tan solid, powder, crystals and/or chunks	Complies
Purity (HPLC)	$\geq 96\%$	Complies
Elemental Analysis	%C: 87.1 - 93.4	Complies
Infrared Spectrum	Conforms to structure	Complies
Optical Rotation	$+62.0^\circ \pm 6^\circ$ (c=1%, CHCl <sub>3</sub> )	Complies

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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