



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-213523  
Lot Number: SAMPLE  
Product Name: 1,4-Bis(2-methylstyryl)benzene  
CAS Number: 13280-61-0  
Molecular Formula:  $C_{24}H_{22}$   
Molecular Weight: 310.43

Test	Specification	Result
Appearance	Off white to yellow crystalline solid or powder	Pale yellow powdered
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity ( $^1H$ -NMR)	> 97.5%	> 98%
Purity (TLC)	Rf = 0.5 - 0.8; one spot	Rf = 0.63; one spot
Melting Point	180 - 182 °C	181.0 - 182.1 °C
Solution	Forms a clear colourless to pale yellow solution in chloroform, no particulates.	Forms a clear colourless solution in chloroform, no particulates.

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 [www.scbt.com](http://www.scbt.com)