



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-220545  
Lot Number: SAMPLE  
Product Name: 1,3-dichloro-5-[(1E)-2-(4-methoxyphenyl)ethenyl]-benzene  
CAS Number: 688348-37-0  
Molecular Formula:  $C_{15}H_{12}Cl_2O$   
Molecular Weight: 279.16

Test	Specification	Result
Identification (Mass Spectrometry - APCI)	MH+ Expected: 278.9	Actual: 278.9
Identification (UV)	$\lambda$ max: 212, 326 nm	$\lambda$ max: 212, 326 nm
Purity (HPLC)	Column: C18, 5 $\mu$ , 4.6 X 250 mm Mob. Phase: Methanol:Water:Acetic acid (90:10:0.1) Flow Rate: 1.00 ml/min Detector UV: 326 nm	Retention Time Actual: 11.70 min Purity: 100.0 %
Purity (TLC)	Mob. Phase: Hexane:Ethyl Acetate:Acetic Acid (90:10:1) Stationary Phase: Silica Gel Visualized With: UV	Rf: 0.55 Purity: 100.00 %
Melting Point	56-64 °C	59-62 °C

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)