



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-223866  
Lot Number: SAMPLE  
Product Name: CAY10502  
CAS Number: 888320-29-4  
Molecular Formula:  $C_{30}H_{57}NO_7$   
Molecular Weight: 523.62

| Test                                     | Specification                                      | Result                                             |
|------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Identification (Infrared Spectrum)       | Consistent with standard                           | Complies                                           |
| Identification (Mass Spectrometry - ESI) | M-H+: 522.6                                        | Complies                                           |
| Purity (HPLC)                            | > 98%                                              | 98.7 %<br>Retention Time Actual.: 7.50 min         |
| Purity (TLC)                             | > 98%                                              | 100.00 %<br>Rf: 0.52                               |
| Melting Point                            | 179 - 192 °C                                       | 181 - 185 °C                                       |
| UV Absorption                            | $\lambda$ max 1: 236 nm<br>$\lambda$ max 2: 289 nm | $\lambda$ max 1: 235 nm<br>$\lambda$ max 2: 289 nm |

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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