



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-490618
Lot Number: SAMPLE
Product Name: (15Z)-N-(2-Hydroxyethyl)-15-tetracosenamide
CAS Number: 887405-21-2
Molecular Formula: $C_{26}H_{51}NO_2$
Molecular Weight: 409.69

Test	Specification	Result
Identification (Infrared Spectrum)		Complies
Identification (Mass Spectrometry - APCI)	MH+ Expected: 410.3 M-H2O Expected: 392.7	MH+ Actual: 410.3 M-H2O Actual: 392.7
Purity (TLC)	Mob. Phase: Dichloromethane:Methanol: Acetic Acid (90:10:1) Stationary Phase: Silica Gel Visualized With: Sulfuric Acid	Rf: 0.63 Purity %: 100
Melting Point	79-88°C	82-85°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.

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