



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-216373A  
Lot Number: SAMPLE  
Product Name: 3-(N-Maleimidylpropionyl)biocytin  
CAS Number: 102849-12-7  
Molecular Formula:  $C_{23}H_{33}N_5O_7S$   
Molecular Weight: 523.60  
Native Source: Synthetic

Test	Specification	Result
Appearance	White to pale yellow solid	Pale yellow solid
Identification (NMR)	Conforms to structure	Conforms
Identification (Mass Spectrometry)	Conforms to structure	Conforms
Solubility		Aqueous Base (Slightly, Sonicated), DMSO (Slightly, Heated)
Specific Rotation		+26.0° (c = 0.2, 0.1N NaOH)
Carbon Content		48.0%
Hydrogen Content		6.25%
Nitrogen Content		12.12%
Water Content (KF)		6.0%

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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