



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-222423  
Lot Number: SAMPLE  
Product Name: Z-Phe-Tyr(tBu)-diazomethylketone  
CAS Number: N/A  
Molecular Formula:  $C_{31}H_{34}N_4O_5$   
Molecular Weight: 542.6

Test	Specification	Result
Appearance	White to light yellow powder	Off-white powder
Identification (Infrared Spectrum)	Consistent with standard reference	$N_2$ - band at $2108.7\text{ cm}^{-1}$
Purity	$\geq 98\%$	98.6%
Purity (TLC) (1)	$\geq 98.0\%$	Complies
Purity (TLC) (2)	$\geq 98.0\%$	Complies
Solubility	Soluble in ethyl acetate (10 mg/ml) or DMSO	Complies
Carbon Content	68.62%	68.27%
Hydrogen Content	6.32%	6.43%
Nitrogen Content	10.32%	10.18%

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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