



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-473128
Lot Number: SAMPLE
Product Name: 4-Phenylazobenzyloxycarbonyl-Pro-OH
CAS Number: 194541-47-4
Molecular Formula: $C_{19}H_{19}N_3O_4$
Molecular Weight: 353.37

Test	Specification	Result
Appearance		Orange powder
Identification (TLC)		Consistent with structure
Purity (Titration)		99.7% (TBAH)
Purity (TLC)		> 99%
Melting Point		136 °C
Solubility		Clear, orange solution (50 mg/ml in MeOH)
Specific Rotation ($\alpha_{24/D}$)		-22.8° (1% in Methanol)
Impurity	Related impurities by TLC: < 0.2 % H-Pro-OH	Complies

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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