



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-319863
Lot Number: SAMPLE
Product Name: Boc-D-glutamine 4-nitrophenyl ester
CAS Number: 74086-23-0
Molecular Formula: $C_{16}H_{21}N_3O_7$
Molecular Weight: 367.35

Test	Specification	Result
Appearance	White to off-white powder	Complies
Identification (FTIR)		Complies
Purity (HPLC)	$\geq 95\%$ (220 nm)	95%
Solubility	Clear solution at 1 mmol in 2 mL DMF	Complies
Optical Rotation	$+32 \pm 2.0^\circ$ (C = 1, DMF)	$+33.0^\circ$

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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