



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-470020
Lot Number: SAMPLE
Product Name: Nalpha-Fmoc-Nbeta-4-methyltrityl-L-2,3-diaminopropionic acid
CAS Number: 654670-89-0
Molecular Formula: $C_{38}H_{34}N_2O_4$
Molecular Weight: 582.7

| Test | Result |
|--------------------------------------|---------------------------------------|
| Appearance | Off-white crystalline powder |
| Purity (HPLC) | 99.7% |
| Purity (Titration) | $\geq 93\%$ |
| Purity (TLC) | $> 99\%$ |
| Melting Point | $> 99\text{ }^{\circ}\text{C}$ (dec.) |
| Optical Rotation ($\alpha_{20/D}$) | $+12.1^{\circ}$ (c = 1 in MeOH) |

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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