Certificate of Analysis

Fmoc-L-Lys(Dde)-OH

Cat. No.: HY-W041987 CAS No.: 150629-67-7 Batch No.: 179225

Chemical Name: L-Lysine, N6-[1-(4,4-dimethyl-2,6-dioxocyclohexylidene)ethyl]-N2-[(9H-fluoren-9-ylmethoxy)car

bonyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{31}H_{36}N_2O_6$ **Molecular Weight:** 532.63

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.76% OR(C=1.05g/100ml MEOH): 3.15°

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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