Certificate of Analysis

Fmoc-L-Lys (Boc)-OH

Cat. No.: HY-79128 CAS No.: 71989-26-9 Batch No.: 154637

Chemical Name: L-Lysine, N6-[(1,1-dimethylethoxy)carbonyl]-N2-[(9H-fluoren-9-ylmethoxy)carbonyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{26}H_{32}N_2O_6$ Molecular Weight: 468.54

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

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

Purity (HPLC): 99.98% Water(KF): 0.05% 0.04% Residue on Ignition: $OR[\alpha](C=0.97 \text{ g}/100 \text{ml DMF})$: -12.0°

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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