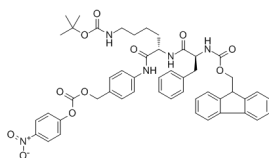


## Certificate of Analysis

**Product Name:** Fmoc-Phe-Lys(Boc)-PAB-PNP  
**Cat. No.:** HY-114430  
**CAS No.:** 1646299-50-4  
**Batch No.:** 40591  
**Chemical Name:** L-Lysinamide, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-phenylalanyl-N6-[(1,1-dimethylethoxy)carbonyl]-N-[4-[[[(4-nitrophenoxy)carbonyl]oxy]methyl]phenyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>49</sub>H<sub>51</sub>N<sub>5</sub>O<sub>11</sub>  
**Molecular Weight:** 885.96  
**Storage:** -20°C, stored under nitrogen  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Enantiomeric Excess:** 99.73%  
**Purity (HPLC):** 98.67%  
**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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