Creative Enzymes®

# Fmoc-4-Aph(L-Hor)-OH

*Cat. No. CEGZ-6548*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | Fmoc-4-Aph(L-Hor)-OH is a 99% pure Fmoc-protected functionalized phenylalanine derivative bearing an L-Hor side-chain substituent. |
| ***Applications*** | Solid-phase peptide synthesis Noncanonical amino acid incorporation Functionalized peptide design Structure-activity studies |
| ***Synonyms*** | Fmoc-Aph(Hor)-OH; Fmoc-4-Aph(L-Hor)-OH |

## Product Information

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|---|---|
| ***CAS No.*** | 1253282-31-3 |
| ***Molecular Formula*** | $C_{29}H_{26}N_4O_7$ |
| ***Molecular Weight*** | 542.53934 |
| ***Purity*** | 99% |
| ***Structure*** | Fmoc-protected 4-aminophenylalanine functionalized with an L-Hor-derived group |
| ***Composition*** | Fmoc-4-Aph(L-Hor)-OH |
| ***Function*** | Protected functionalized amino acid building block |
| ***Quality*** | Polar surface area: 173.4000 Å² LogP: 2.9509 Predicted pKa: 3.77 ± 0.10 |
| ***Grade*** | Peptide synthesis grade |
| ***Usage*** | For peptide synthesis and laboratory research only. |