

Certificate of Analysis

(S)-2-((tert-Butoxycarbonyl)amino)-3-(4-nitrophenyl)propanoic acid

Cat. No.: HY-W007679 CAS No.: 33305-77-0 Batch No.: 44437

Chemical Name: L-Phenylalanine, N-[(1,1-dimethylethoxy)carbonyl]-4-nitro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{18}N_2O_6$ Molecular Weight: 310.30

Storage: Powder -20°C 3 years

2 years

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

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

Purity (HPLC): 99.77%

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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