Certificate of Analysis

p-Ethynylphenylalanine

Cat. No.: HY-23460
CAS No.: 278605-15-5
Batch No.: 120382

Chemical Name: L-Phenylalanine, 4-ethynyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{11}NO_2$ Molecular Weight: 189.21

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: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.96%

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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