Certificate of Analysis

Nω-Propyl-L-arginine

Cat. No.: HY-102062

CAS No.: 137361-05-8

Batch No.: 319565

Chemical Name: L-Ornithine, N5-[imino(propylamino)methyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{20}N_4O_2$ Molecular Weight: 216.28

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\bigvee_{N} \bigvee_{H}^{NH} \bigvee_{NH_2}^{O} OH$$

ANALYTICAL DATA

Appearance: White to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.62%

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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