

Certificate of Analysis

3-Bromo-L-phenylalanine

Cat. No.: HY-W008183
CAS No.: 82311-69-1
Batch No.: 88965

Chemical Name: L-Phenylalanine, 3-bromo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{10}BrNO_2$ Molecular Weight: 244.09

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\mathsf{Br} \underbrace{\qquad \qquad \mathsf{O} \\ \mathsf{H}_2\mathsf{N} \ \ \mathsf{H}} \mathsf{OH}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.80%

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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