Certificate of Analysis

Borofalan-10B

Cat. No.: HY-129812
CAS No.: 80994-59-8
Batch No.: 257567

Chemical Name: L-Phenylalanine, 4-(borono-10B)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₉H₁₂¹⁰BNO₄

Molecular Weight: 208.21

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$HQ_{0_{\hbox{\scriptsize OH}}} OH$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.59%
Isotopic Enrichment: 98.44%

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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