Certificate of Analysis

Methyl (tert-butoxycarbonyl)-D-phenylalaninate

Cat. No.: HY-W039758

CAS No.: 77119-84-7

Batch No.: 243231

Chemical Name: D-Phenylalanine, N-[(1,1-dimethylethoxy)carbonyl]-, methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

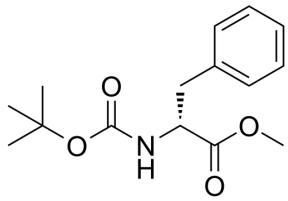
Molecular Formula: $C_{15}H_{21}NO_4$

Molecular Weight: **279.33**

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: White to off-white (Solid)

^{1}H NMR Spectrum: Consistent with structure

Purity (HPLC): **99.68%**

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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