

Certificate of Analysis

(R)-Methyl 2-(tert-butoxycarbonylamino)-3-hydroxypropanoate

Cat. No.: HY-79513 CAS No.: 95715-85-8 Batch No.: 148959

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

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{17}NO_5$ Molecular Weight: 219.24

Storage: Pure form -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to off-white (Solid-Liquid Mixture)

¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

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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