

Certificate of Analysis

O-tert-Butylthreoninetert-butyl ester

Cat. No.: HY-W009648
CAS No.: 5854-78-4
Batch No.: 269973

Chemical Name: L-Threonine, O-(1,1-dimethylethyl)-, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{25}NO_3$ Molecular Weight: 231.33

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to yellow (Liquid)

¹ H NMR Spectrum: Consistent with structure

 Purity (GC):
 99.89%

 Water(KF):
 0.45%

 OR(C=0.329g/100ml ETOH):
 3.3°

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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