## **Certificate of Analysis**

## (S)-2-Amino-3-(4-hydroxyphenyl)propionic acid tert-butyl ester

Cat. No.: HY-34519 CAS No.: 16874-12-7 Batch No.: 260096

**Chemical Name:** L-Tyrosine, 1,1-dimethylethyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{19}NO_3$ Molecular Weight: 237.29

Storage: Powder -20°C 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 6 months

> -20°C 1 month

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

<sup>1</sup>H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.87%  $OR[\alpha](C=0.54 \text{ g}/100\text{ml MEOH})$ : 10.6° Water(KF): 0.16%

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA