



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-293886  
Lot Number: SAMPLE  
Product Name: Boc-L-Trp-OMe  
CAS Number: 33900-28-6  
Molecular Formula:  $C_{17}H_{22}N_2O_4$   
Molecular Weight: 318.37

| Test                               | Specification                         | Result                        |
|------------------------------------|---------------------------------------|-------------------------------|
| Appearance                         | White to off-white crystalline powder | White crystalline powder      |
| Identification (1H-NMR)            |                                       | Consistent with the structure |
| Identification (Mass Spectrometry) |                                       | Consistent with the structure |
| Purity (HPLC)                      | $\geq 98\%$                           | 99.3%                         |
| Melting Point                      | 147 - 150°C                           | 147 - 149°C                   |
| Optical Rotation                   | +40° ~ +45° (c=1, CHCl <sub>3</sub> ) | + 43.2°                       |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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