

## N $\alpha$ -Boc-N-methyl-L-alanine

Cat. No. CEGZ-6993

Lot. No. (See product label)

### Introduction

#### Description

N $\alpha$ -Boc-N-methyl-L-alanine is the N-methylated, Boc-protected form of the proteinogenic amino acid L-alanine. The N-methyl group eliminates the hydrogen-bond donor capacity of the  $\alpha$ -amino function and restricts local backbone conformation.

#### Applications

Used as a building block in peptide synthesis and medicinal chemistry for the preparation of N-methylated peptide analogues.

#### Synonyms

Boc-N-methylalanine; N-tert-butoxycarbonyl-N-methyl-L-alanine

### Product Information

#### CAS No.

16948-16-6

#### Molecular Formula

C<sub>9</sub>H<sub>17</sub>NO<sub>4</sub>

#### Molecular Weight

203.24

#### Notes

For research and development use only.

### Storage and Shipping Information

#### Storage

Store in a tightly closed container in a cool, dry place.