

N α -Z-L-alanine

Cat. No. CEGZ-6933

Lot. No. (See product label)

Introduction

Description

N α -Z-L-alanine is the benzyloxycarbonyl-protected form of the proteinogenic amino acid L-alanine. The Z group protects the α -amino function and is removed by catalytic hydrogenolysis or treatment with strong acid.

Applications

Used as a building block in peptide synthesis and as an intermediate in the preparation of alanine-containing peptides and pharmaceutical compounds.

Synonyms

Z-L-alanine; N-benzyloxycarbonyl-L-alanine; carbobenzyloxy-L-alanine

Product Information

CAS No.

1142-20-7

Molecular Formula

C₁₁H₁₃NO₄

Molecular Weight

223.22

Notes

For research and development use only.

Storage and Shipping Information

Storage

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