

N α -Z-O-tert-butyl-L-serine

Cat. No. CEGZ-6930

Lot. No. (See product label)

Introduction

Description

N α -Z-O-tert-butyl-L-serine is a fully protected serine derivative for peptide synthesis, carrying a benzyloxycarbonyl (Z) group on the α -amino function and a tert-butyl ether on the side-chain hydroxyl group. The Z group is removed by hydrogenolysis or strong acid, while the tert-butyl ether is cleaved by acidolysis.

Applications

Used as a building block in solution-phase and solid-phase peptide synthesis for the preparation of serine-containing peptides and peptide intermediates.

Synonyms

Z-Ser(tBu); N-benzyloxycarbonyl-O-tert-butyl-L-serine

Product Information

CAS No. 1676-75-1

Molecular Formula C₁₅H₂₁NO₅

Molecular Weight 295.33

Notes For research and development use only.

Storage and Shipping Information

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