

N α -Z-trans-3-hydroxy-L-proline

Cat. No. CEGZ-50023

Lot. No. (See product label)

Introduction

Description

N α -Z-trans-3-hydroxy-L-proline is the benzyloxycarbonyl-protected form of trans-3-hydroxy-L-proline, a hydroxyproline isomer bearing the hydroxyl group at the 3-position of the pyrrolidine ring. The Z group is removed by hydrogenolysis or strong acid.

Applications

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

Synonyms

Cbz-trans-3-hydroxy-L-proline; (2S,3S)-1-benzyloxycarbonyl-3-hydroxypyrrolidine-2-carboxylic acid

Product Information

CAS No. 62182-54-1

Molecular Formula C₁₃H₁₅NO₅

Molecular Weight 265.26

Notes For research and development use only.

Storage and Shipping Information

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