

4-Iodo-L-phenylalanine

Cat. No. CEGZ-50040

Lot. No. (See product label)

Introduction

Description

4-Iodo-L-phenylalanine is a halogenated, non-proteinogenic aromatic amino acid in which the phenyl ring of L-phenylalanine carries an iodine substituent at the para position. The free amino and carboxyl groups allow direct use in peptide synthesis.

Applications

Used as a building block in peptide synthesis, protein engineering, and medicinal chemistry for the preparation of iodinated peptide analogues and aryl-functionalized compounds.

Synonyms

L-4-iodophenylalanine; p-iodo-L-phenylalanine; (S)-2-amino-3-(4-iodophenyl)propanoic acid

Product Information

CAS No.

24250-85-9

Molecular Formula

C₉H₁₀INO₂

Molecular Weight

291.09

Notes

For research and development use only.

Storage and Shipping Information

Storage

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