

tert-Butyl N-[(1S)-1-amino-3-(4-iodophenyl)-1-oxopropan-2-yl]carbamate

Cat. No. CEGZ-6964

Lot. No. (See product label)

Introduction

Description

tert-Butyl N-[(1S)-1-amino-3-(4-iodophenyl)-1-oxopropan-2-yl]carbamate is the Boc-protected primary amide of 4-iodo-L-phenylalanine. The para-iodo substituent on the aromatic ring serves as a versatile handle for metal-catalyzed cross-coupling reactions.

Applications

Used as an intermediate in organic and medicinal chemistry for the synthesis of modified phenylalanine derivatives and aryl-functionalized peptide building blocks.

Synonyms

Boc-4-iodo-L-phenylalanine amide; N-Boc-L-4-iodophenylalaninamide

Product Information

CAS No. 868694-44-4

Molecular Formula C₁₄H₁₉IN₂O₃

Molecular Weight 390.22

Notes For research and development use only.

Storage and Shipping Information

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