

N α -Boc-N ϵ -ivDde-L-lysine

Cat. No. CEGZ-6949

Lot. No. (See product label)

Introduction

Description

N α -Boc-N ϵ -ivDde-L-lysine is an orthogonally protected lysine derivative in which the α -amino group carries a Boc group and the ϵ -amino side chain is masked by the ivDde group. The ivDde protection is removed by treatment with dilute hydrazine under conditions that leave Boc and other acid-labile groups intact.

Applications

Used in solid-phase peptide synthesis for site-selective lysine side-chain modification, including the preparation of branched, labeled, and conjugated peptides.

Synonyms

Boc-lysine(ivDde); N α -tert-butoxycarbonyl-N ϵ -[1-(4,4-dimethyl-2,6-dioxocyclohex-1-ylidene)-3-methylbutyl]-L-lysine

Product Information

CAS No.

862847-44-7

Molecular Formula

C₂₄H₄₀N₂O₆

Molecular Weight

452.6

Notes

For research and development use only.

Storage and Shipping Information

Storage

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