Creative Enzymes®

Nα-Fmoc-Nγ-Alloc-L-2,4-diaminobutyric Acid

Cat. No. CEGZ-6899

Lot. No. (See product label)

Introduction

Description	Nα-Fmoc-Nγ-Alloc-L-2,4-diaminobutyric acid is an orthogonally protected diaminobutyric acid derivative for Fmoc solid-phase peptide synthesis. The allyloxycarbonyl (Alloc) group on the γ-amino side chain is stable to both basic Fmoc deprotection and acidic Boc cleavage conditions, and is selectively removed by palladium-catalyzed deallylation.
Applications	Used in solid-phase peptide synthesis for the introduction of 2,4-diaminobutyric acid residues and for site-selective peptide modification in the preparation of cyclic peptides, branched peptides, and peptide conjugates.
Synonyms	Fmoc-Dab(Alloc); Nα-(9-fluorenylmethoxycarbonyl)-Nγ-(allyloxycarbonyl)-L-2,4-diaminobutyric acid

Product Information

CAS No.	204316-32-5
Molecular Formula	C23H24N2O6
Molecular Weight	424.4
Notes	For research and development use only.

Storage and Shipping Information

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