Creative Enzymes®

Nα-Fmoc-Nβ-Alloc-L-2,3-diaminopropionic Acid

Cat. No. CEGZ-6894

Lot. No. (See product label)

Introduction

Description	Nα-Fmoc-Nβ-Alloc-L-2,3-diaminopropionic acid is an orthogonally protected diaminopropionic acid derivative for Fmoc solid-phase peptide synthesis. The allyloxycarbonyl (Alloc) group protects the β-amino side chain and is removed by palladium-catalyzed deallylation under nearly neutral conditions.
Applications	Used in solid-phase peptide synthesis for the introduction of diaminopropionic acid residues and for site-selective peptide modification, including the preparation of cyclic peptides and peptide conjugates.
Synonyms	Fmoc-Dap(Alloc); Nα-(9-fluorenylmethoxycarbonyl)-Nβ-(allyloxycarbonyl)-L-2,3-diaminopropionic acid

Product Information

CAS No.	188970-92-5
Molecular Formula	C22H22N2O6
Molecular Weight	410.4
Notes	For research and development use only.

Storage and Shipping Information

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