

Fmoc- β -Ala-Asp(OMpe)-OH

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description

Fmoc- β -Ala-Asp(OMpe)-OH is a specialized amino acid derivative employed in solid-phase peptide synthesis (SPPS). It is composed of a β -alanine spacer and an aspartic acid residue, with the β -carboxyl group protected by a 3-methylpentyl ester (OMpe) to prevent aspartimide formation during synthesis. This compound serves as a valuable building block for synthesizing peptides containing aspartic acid, as the OMpe group is specifically designed to minimize unwanted side reactions.

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