

## FMOC-Asp(5-FAM)-OH

Catalog Number: 5004  
Unit Size: 100 mg

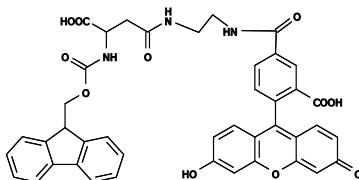
### Product Details

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Storage Conditions	Freeze (< -15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

### Chemical Properties

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Appearance	Solid
Molecular Weight	755.72
Soluble In	DMF
Chemical Structure	 The chemical structure shows a FAM (5-carboxyfluorescein) moiety linked via its 5-carboxyl group to the side-chain amine of an Asp residue. The FAM part consists of a 5-carboxyfluorescein core with a hydroxyl group at position 5. The Asp part is an alpha-amino acid with a carboxylic acid group at position 1 and a primary amide side-chain at position 2.

### Spectral Properties

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Excitation Wavelength	493 nm
Emission Wavelength	517 nm

### Applications

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FMOC-Asp(5-FAM)-OH is a building block for in-sequence peptide Asp labeling by FAM. FAM is one of the most common donor dyes for preparing FRET peptides (often paired with TAMRA or TQ2).