

Product Name: 4-Bromo-N-Fmoc-L-phenylalanine, 95%
Catalog Number: H51978.03

CAS Number: 198561-04-5
IUPAC Name: (2S)-3-(4-bromophenyl)-2-([(9H-fluoren-9-yl)methoxy]carbonyl)amino)propanoic acid
Molecular Formula: C₂₄H₂₀BrNO₄
Molecular Weight: 466.33
MDL Number: MFCD00273460
InChI Key: TVBAVBWXRDHONF-QFIPXVFZSA-N
SMILES: OC(=O)[C@H](CC1=CC=C(Br)C=C1)NC(=O)OCC1C2=CC=CC=C2C2=CC=CC=C12
Synonym: (2S)-3-(4-bromophenyl)-2-([(9H-fluoren-9-yl)methoxy]carbonyl)amino}propanoic acid
 acidIFMOC-L-4-BROMOPHENYLALANINE

Product Specification

Appearance (Color): White to pale cream
Form: Powder
Assay from Supplier's CofA: Mass Spec conforms
Assay (HPLC): ≥94.0%
Infrared spectrum: Conforms
Solution Test: Clear solution (0.3 g in 6mL DMF)
Water Content (Karl Fischer Titration): ≤1.0%
Melting Point: 204 - 210°C
Proton NMR: Conforms
Optical Rotation: [α]_D = -19.2° (C=1 in DMF)

Date Of Print: 05/28/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.