

Product Name: N-Fmoc-L-valine, 98%, Thermo Scientific Chemicals
Catalog Number: B21030.14

CAS Number: 68858-20-8
IUPAC Name: (2S)-2-({[(9H-fluoren-9-yl)methoxy]carbonyl}amino)-3-methylbutanoic acid
Molecular Formula: C₂₀H₂₁NO₄
Molecular Weight: 339.39
MDL Number: MFCD00037124
InChI Key: UGNIYGNCGCNXHTR-SFHVURJKSA-N
SMILES: CC(C)[C@H](NC(=O)OCC1C=C(C=CC=C2)C2=C1C=CC=C2)C(O)=O
Synonym: (2S)-2-({[(9H-fluoren-9-ylmethoxy)carbonyl]amino}-3-methylbutanoic acid|FMOC-VAL-OH

Product Specification

Appearance (Color): White
Form: Crystals or powder or crystalline powder
Assay (Aqueous acid-base Titration): ≥97.5 to ≤102.5% (UK Sourced Material)
Optical Rotation: -16.5 ± 1.0° (C=1 in DMF)
Melting Point (clear melt): 140.0-148.0°C
Identification (FTIR): Conforms
Assay from Supplier's CoFA: ≥97.5% (HPLC, US Sourced Material)
Comment: Material Sourced in UK and US

Date Of Print: 01/29/2025

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