

Product Name: N-Benzoyloxycarbonyl-L-valine, 99%, Thermo Scientific™
Catalog Number: A13583.06

CAS Number: 1149-26-4
IUPAC Name: (2S)-2-[[[(benzyloxy)carbonyl]amino]-3-methylbutanoic acid
Molecular Formula: C₁₃H₁₇NO₄
Molecular Weight: 251.28
MDL Number: MFCD00008922
InChI Key: CANZBRDGRHNSGZ-NSHDSACASA-N
SMILES: CC(C)[C@H](NC(=O)OCC1=CC=CC=C1)C(O)=O
Synonym: (2S)-2-[[[(benzyloxy)carbonyl]amino]-3-methylbutanoic acid|Z-VAL-OH

Product Specification

Appearance (Color): White to pale cream
Form: Crystals or powder or crystalline powder
Water Content (Karl Fischer Titration): ≤0.5%
Optical Rotation: -3.2° to -4.8° (c=2 in acetic acid)
Assay (Aqueous acid-base Titration): ≥98.5 to ≤101.5%

Date Of Print: 05/25/2026

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