

Product Name: N-Boc-L-isoleucine, 98+%
Catalog Number: A16021.14

CAS Number: 13139-16-7
IUPAC Name: (2S,3S)-2-[[tert-butoxy)carbonyl]amino]-3-methylpentanoic acid
Molecular Formula: C₁₁H₂₁NO₄
Molecular Weight: 231.29
MDL Number: MFCD00038324 MFCD00237550
InChI Key: QJCNLJWUIOIMMF-YUMQZZPRSA-N
SMILES: CC[C@H](C)[C@H](NC(=O)OC(C)(C)C)C(O)=O
Synonym: (2S,3S)-2-[(tert-butoxycarbonyl)amino]-3-methylpentanoic acid

Product Specification

Appearance (Color): White
Form: powder
Assay (Aqueous acid-base Titration): > 98.0%
Optical Rotation: -28.5 ? 2.5? (c=2, pyridine)
Water Content (Karl Fischer Titration): < 0.5%

Date Of Print: 05/27/2025

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