

Product Name: N-Boc-O-benzyl-L-threonine, 99%
Catalog Number: B21677.03

CAS Number: 15260-10-3
IUPAC Name: (2S,3R)-3-(benzyloxy)-2-[(tert-butoxy)carbonyl]amino}butanoic acid
Molecular Formula: C₁₆H₂₃NO₅
Molecular Weight: 309.36
MDL Number: MFCD00066062
InChI Key: CTXPLTPDOISPTE-YPMHNCESA-N
SMILES: C[C@@H](OCC1=CC=CC=C1)[C@H](NC(=O)OC(C)(C)C)C(=O)O
Synonym: (2S,3R)-3-(benzyloxy)-2-[(tert-butoxycarbonyl)amino]butanoic acid|BOC-THR(BZL)-OH

Product Specification

Appearance (Color): White
Form: Powder
Assay (HPLC): ≥98.5%
Assay (Aqueous acid-base Titration): ≥98.5 to ≤101.5%
Optical Rotation: 16.3 ± 0.1° (C=1 in methanol)
Melting Point (clear melt): 113.0-119.0°C

Date Of Print: 04/24/2025

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