

Product Name: N-Benzyloxycarbonyl-L-serine, 99%
Catalog Number: A19050.22

CAS Number: 1145-80-8
IUPAC Name: 2-[[[(benzyloxy)carbonyl]amino]-3-hydroxypropanoic acid
Molecular Formula: C₁₁H₁₃NO₅
Molecular Weight: 239.23
InChI Key: GNIDSOFZAKMQAO-UHFFFAOYNA-N
SMILES: OCC(NC(=O)OCC1=CC=CC=C1)C(O)=O
Synonym: 2-[[[(benzyloxy)carbonyl]amino]-3-hydroxypropanoic acid

Product Specification

Appearance (Color): White
Form: Powder
Identification (FTIR): Conforms
Melting Point (clear melt): 115.0-121.0°C
Assay (Aqueous acid-base Titration): ≥98.5 to ≤101.5%
Optical Rotation: 6.0 ± 0.3° (C=7 in acetic acid)

Date Of Print: 06/25/2025

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