

Product Name: N-Boc-D-alpha-phenylglycinol, 99%
Catalog Number: H27163.06

CAS Number: 102089-74-7
IUPAC Name: tert-butyl N-[(1R)-2-hydroxy-1-phenylethyl]carbamate
Molecular Formula: C₁₃H₁₉NO₃
Molecular Weight: 237.30
InChI Key: IBDIOGYTZBKRG-NSHDSACASA-N
SMILES: CC(C)(C)OC(=O)N[C@@H](CO)C1=CC=CC=C1
Synonym: tert-butyl N-[(1R)-2-hydroxy-1-phenylethyl]carbamate

Product Specification

Appearance (Color): White
Form: Powder
Melting Point (clear melt): 135.0-142.0°C
Optical Rotation: -41.3 ± 0.1° (C=1 in chloroform)
Assay (HPLC): ≥98.5%

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.