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Product Specifications

Catalogue Number 03211
Product **Boc-D-Phenylalaninol**

Boc-D-Phe-ol

CAS Number 106454-69-7

Molecular Formula C₁₄H₂₁NO₃

Molecular Weight 251.31

Appearance White to off-white powder

Solubility Clear solution (0.3 g in 2 mL DMF)

Melting Point 94-99 °C

Water Content (Karl Fisher) ≤ 2.0%

Optical Rotation [α]_D²⁰ = +27 ± 2° (C=1.036% in MeOH)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 2.0% (30 °C, 2 hr)

¹H NMR Conforms to structure

Purity by HPLC ≥ 98%

Storage Store at 0-8 °C

For Laboratory Use Only