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Product Specifications

Catalogue Number 04714

Product **Boc-3-(2'-pyridyl)-D-alanine**

Boc-D-Ala(2'-pyridyl)-OH

(R)-2-tert-Butoxycarbonylamino-3-pyridin-2-yl-propionic acid

CAS Number 98266-32-1

Molecular Formula C₁₃H₁₈N₂O₄

Molecular Weight 266.3

Appearance White powder

Solubility Clear solution (0.3 g in 6 mL MeOH)

Melting Point 140-146 °C

Water Content (Karl Fisher) ≤ 1%

Optical Rotation [α]_D²⁰ = + 17 ± 2 ° (C=1 in MeOH)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 1% (60 °C, 2 hours)

¹H NMR Conforms to structure

Purity by HPLC ≥ 99%

Storage Store at 0-8 °C

For Laboratory Use Only