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Product Specifications

Catalogue Number	04047
Product	Boc-D-alanine N-hydroxysuccinimide ester Boc-D-Ala-OSu
CAS Number	34404-33-6
Molecular Formula	C ₁₂ H ₁₈ N ₂ O ₆
Molecular Weight	286.28
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Appearance	White powder
Solubility	Clear solution (0.1 g in 8 mL DMF)
Melting Point	149-163 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = +54 ± 3° (c=1 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1%
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only