



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	04-499
Lot Number	100717-30110
Product	Boc-D-alanine <i>N</i>-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

Appearance	White powder
Solubility	Clear solution (0.1 g in 8 mL DMF)
Melting Point	151.6-152.8 °C
Optical Rotation	[α] _D ²⁰ = +51.5° (C=1 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	99.70%
Storage	Store at 0-8 °C