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Product Specifications

Catalogue Number	03952
Product	Boc-D-homophenylalanine
	Boc-D-HomoPhe-OH
	(R)-2-(Boc-amino)-4-phenylbutyric acid

CAS Number	82732-07-8
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Molecular Formula	C ₁₅ H ₂₁ NO ₄
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Molecular Weight	279.33
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Appearance	White to off-white powder
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Solubility	Clear solution (0.3 g in 2 mL DMF)
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Melting Point	73-79 °C
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Water Content (Karl Fisher)	≤ 1%
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Optical Rotation	[α] _D ²⁰ = -5 ± 1° (C=2 in EtOH)
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Infrared Spectrum	Conforms to structure
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Analysis by Mass Spectra	Conforms to standard
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Loss on Drying	≤ 1.0% (35 °C, 2h)
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¹H NMR	Conforms to structure
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Purity by HPLC	≥ 99%
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Storage	Store at 0-8 °C
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For Laboratory Use Only