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Product Specifications

Catalogue Number	05459
Product	<i>N</i>^α-Boc-L-asparagine <i>N</i>-hydroxysuccinimide ester Boc-L-Asn-OSu
CAS Number	42002-18-6
Molecular Formula	C ₁₃ H ₁₉ N ₃ O ₇
Molecular Weight	329.31
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Appearance	White powder
Elemental Analysis (Theory)	C = 47.42%; H = 5.82%; N = 12.76%
Elemental Analysis (Found)	C = 47.41 ± 0.5%; H = 5.74 ± 0.5%; N = 12.79 ± 0.5%
TLC System	Chloroform/MeOH/Benzene/H ₂ O (8:8:8:1) Ethylacetate/Pyridine/Acetic acid/H ₂ O (60:20:6:11) Chloroform/MeOH/Acetic Acid (77.5:15:7.5)
Optical Rotation	[α] _D ²⁴ = -33.1 ± 2° (C=1% in Acetone)
Purity by TLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only