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Product Specifications

Catalogue Number	03963
Product	Boc-L-citrulline 4-nitrophenyl ester Boc-L-Cit-ONp (S)-2-Boc-amino-5-ureidopentanoic acid 4-nitrophenyl ester
CAS Number	56612-88-5
Molecular Formula	C ₁₇ H ₂₄ N ₄ O ₇
Molecular Weight	396.41

Appearance	Red-brown powder
Solubility	Clear, brown solution (50 mg/mL in Acetone)
Melting Point	94 - 96 °C
Water Content (Karl Fisher)	≤ 1.5%
TLC System	Methanol 80% Plate : RP-8 Chloroform/Methanol/Acetic acid% (85:10:5) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = - 22 ± 1 ° (C=1% in Acetone)
Assay	≥ 96% (Nth : 14.13%)
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only