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Product Specifications

Catalogue Number	04024
Product	<i>N</i>^α-Boc-<i>N</i>ⁱⁿ-formyl-L-tryptophan <i>N</i>-hydroxysuccinimide ester Boc-L-Trp(For)-OSu
CAS Number	70601-13-7
Molecular Formula	C ₂₁ H ₂₃ N ₃ O ₇
Molecular Weight	429.44
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Appearance	White powder
Solubility	Clear, colorless solution (50mg/mL in Acetone)
Melting Point	153-160 °C
Elemental Analysis (Theory)	C = 58.74%; H = 5.40%; N = 9.78%
Elemental Analysis (Found)	C = 58.74 ± 0.5%; H = 5.40 ± 0.5%; N = 9.78 ± 0.5%
TLC System	Chloroform/Ethyl Acetate/Acetic acid (50:50:2) Chloroform/Methanol/Acetic acid (90:8:2) Benzene/Dioxane/Acetic acid (95:25:4) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Analysis by Mass Spectra	M = 429.1 ± 1
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Storage	Store at 0-8°C

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For Laboratory Use Only