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Product Specifications

Catalogue Number	14046
Product	<i>N^α-Boc-N-π-benzyloxymethyl-L-histidine N-hydroxysuccinimide ester</i> Boc-L-His(π-Bom)-OSu
Molecular Formula	C ₂₃ H ₂₈ N ₄ O ₇
Molecular Weight	427.50
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Appearance	Off-white product
Solubility	Clear, colorless solution (50mg/mL in Acetone)
Melting Point	57-83 °C
Water Content (Karl Fisher)	≤ 1%
TLC System	Benzene/Dioxane/Acetic acid (95:25:4) Chloroform/Methanol/Benzene/H ₂ O (8:8:8:1) Chloroform/Methanol/Acetic Acid (98-100%) /H ₂ O (45:13:1:2) Chloroform/Methanol/Acetic acid (90:8:2) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine Decomposes on TLC Plate
Purity by TLC	≥ 98%
Storage	Store at 0-8°C

For Laboratory Use Only