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Product Specifications

Catalogue Number	06378
Product	Z-3-aminobenzoic acid N-hydroxysuccinimide ester Z-3-Abz-OSu
CAS Number	129666-48-4
Molecular Formula	C ₁₉ H ₁₆ N ₂ O ₆
Molecular Weight	368.68
Appearance	Off-white powder
Solubility	Clear, colorless solution (50mg/mL in Acetone)
Melting Point	142-149 °C
Elemental Analysis (Theory)	C = 61.96%; H = 4.38%; N = 7.61%
Elemental Analysis (Found)	C = 61.96 ± 0.5%; H = 4.38 ± 0.5%; N = 7.61 ± 0.5%
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Benzene/Dioxane/Acetic acid (95:25:4) Chloroform/Ethyl Acetate/Acetic acid (90:10:2) Plate: Silica gel 60 F ₂₅₄ Methanol 80% Plate: RP-8 Detected by: UV, ninhydrin, chlorine-tolidine, ammoniummolybdate
Analysis by Mass Spectra	M = 368.2 ± 1
Assay	≥ 99% (Elemental analysis)
Purity by TLC	≥ 98%
Storage	Store at 0-8°C

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For Laboratory Use Only