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Product Specifications

Catalogue Number	03859
Product	Z-L-threonine N-hydroxysuccinimide ester
	Z-L-Thr-OSu
CAS Number	76401-90-6
Molecular Formula	C ₁₆ H ₁₈ N ₂ O ₇
Molecular Weight	350.3

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in Acetone)
Melting Point	98 - 100 °C
Elemental Analysis (Theory)	C = 54 ± 0.5%; H = 5 ± 0.5%; N = 8 ± 0.5%
TLC System	Chloroform/Methanol/Toluene/H ₂ O (8:8:8:1) Chloroform/Methanol/Acetic acid (90:8:2) Toluene/Dioxane/Acetic acid (95:25:4) Methanol 70%, RP8 Plate : silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, Amm, TMB
Optical Rotation	[α] _D ²⁴ = -31 ± 2 ° (C=2 in MeOH)
Purity by TLC	≥ 90%
Storage	Store at 0 - 8 °C

For Laboratory Use Only