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Certificate of Analysis

Catalogue Number	03892
Lot Number	000424-151218-11208
Product	<i>N</i>^α-Z-L-tryptophan <i>N</i>-hydroxysuccinimide ester Z-L-Trp-OSu
CAS Number	50305-28-7
Molecular Formula	C ₂₃ H ₂₁ N ₃ O ₆
Molecular Weight	435.44

Appearance	White powder
Solubility	Clear colorless solution (1 mmol in 1 mL DCM + 1 mL DMF)
Melting Point	131.3-136.2 °C
Water Content (Karl Fisher)	0.141%
Optical Rotation	[α] _D = -59.1° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Loss on Drying	0.66%
¹H NMR	Conforms to structure
Storage	Store at 0-8°C
Additional Information	HOSu = 6.11%
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager