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Certificate of Analysis

Catalogue Number	04829
Lot Number	000201-2889-1
Product	Trityl-L-serine triethyl ammonium salt
	Trt-L-Ser-OH•TEA
	Trityl-L-β-hydroxyalanine triethyl ammonium salt
CAS Number	111061-44-0
Molecular Formula	C ₂₂ H ₂₁ NO ₃ ·C ₆ H ₁₅ N
Molecular Weight	448.6

Appearance	Off-white crystals
Solubility	Clearly soluble (0.5 mmol in 1 mL MeOH)
Melting Point	149-152 °C
Water Content (Karl Fisher)	0.2%
TLC System	Chloroform/Methanol/Acetic acid (90:8:2)
Optical Rotation	[α] _D ²⁰ = -21.2° (C=1 in MeOH)
Infrared Spectrum	Conforms to reference
Residual Solvents	Not detected
Purity by TLC	> 98%
Storage	Store at 0-8 °C

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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