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Certificate of Analysis

Catalogue Number	09992
Lot Number	000424-121205-90700
Product	3-(Tritylthio)propionic acid

S-Trityl- β -mercaptopropionic acid

3-Tritylsulfanyl-propionic acid

CAS Number	27144-18-9
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Molecular Formula	C ₂₂ H ₂₀ O ₂ S
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Molecular Weight	348.47
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Appearance	White powder
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Solubility	Clear solution (0.3 gram in 2 mL DMF)
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Melting Point	207.7-209.5 °C
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Infrared Spectrum	Conforms to structure
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Analysis by Mass Spectra	Conforms to standard
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Loss on Drying	0.37% (105 °C, 2 hr)
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¹H NMR	Conforms to structure
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Purity by HPLC	99.28%
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Storage	Store at 0-8 °C
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Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager