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Certificate of Analysis

Catalogue Number	05972
Lot Number	000127-1016055
Product	N^{im}-Trityl-D-histidine methyl ester hydrochloride D-His(Trt)-OMe•HCl
CAS Number	200927-02-2
Molecular Formula	C ₂₆ H ₂₅ N ₃ O ₂ •HCl
Molecular Weight	448
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Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in Methanol)
Melting Point	168 °C (dec.)
Water Content (Karl Fisher)	2%
TLC System	Chloroform/Methanol/Toluene/Water (8:8:8:1) Chloroform/Methanol/Acetic acid 32% (5:3:1) Ethyl acetate/Pyridine/Acetic acid/H ₂ O(60:20:6:11) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Purity	96.4% (Elemental analysis, Cth 69.71%, Cfd 67.2%)
Purity by TLC	> 99%
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