

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 06074
Lot Number 502452
Product *N*^{im}-4-Methyltrityl-L-histidine

L-His(Mtt)-OH

CAS Number 133367-32-5
Molecular Formula C₂₆H₂₅N₃O₂

Molecular Weight 411.51

Appearance White powder
Solubility Clear and colorless solution (50 mg/ml in methanol:chloroform)
Melting Point 205-214 °C
TLC System n-Butanol/Acetic acid/H₂O (4:2:2)
Chloroform/Methanol/Acetic acid 32% (15:4:1)
Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation [α]_D²⁴ = +28.1° (C=1% in acetic acid)
Analysis by Mass Spectra [M+H]⁺: m/z = 412
Assay 91% (peptide)
Purity by TLC > 99%
Storage Store at 0-8°C
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