

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 05554 |
| Lot Number | 507009 |
| Product | <i>N</i>^α-Boc-<i>N</i>^ε-4-toluenesulfonyl-L-lysine 4-nitrophenyl ester Boc-L-Lys(Tos)-ONp |
| CAS Number | 200943-66-4 |
| Molecular Formula | C ₂₄ H ₃₁ N ₃ O ₈ S |
| Molecular Weight | 521.59 |

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|-----------------------------------|--|
| Appearance | Yellowish powder |
| Solubility | Clear, yellowish solution (50 mg/ml in acetone) |
| Melting Point | 110-113 °C |
| Elemental Analysis (Found) | C = 55.30%; H = 5.89%; N = 8.04% |
| TLC System | Methanol/H ₂ O (7:3) Methanol/H ₂ O (8:2) Plate: RP-8 Detected by: Ninhydrin, chlorine-tolidine |
| Optical Rotation | [α] _D ²⁴ = -23.7° (C=1% in DMF) |
| 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