

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 33482  
**Lot Number** 000129-16231  
**Product** *N*<sup>α</sup>-Trityl-*N*<sup>ε</sup>-Fmoc-D-lysine

Trt-D-Lys(Fmoc)-OH

**Molecular Formula** C<sub>40</sub>H<sub>38</sub>N<sub>2</sub>O<sub>4</sub>

**Molecular Weight** 610.8

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**Appearance** White crystalline powder  
**Melting Point** 171 - 172 °C  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = -34.4 ° (C=1 in DMF)  
**Assay by titration** 100.4%  
**Purity by HPLC** 99.3%  
**Purity by TLC** > 99%  
**Storage** Store at 2 - 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