

# Chem-Impex International, Inc.

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## Certificate of Analysis

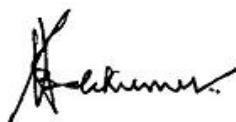
<b>Catalogue Number</b>	05348
<b>Lot Number</b>	001529-504932
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>im</sup>-4-toluenesulfonyl-L-histidine</b> Fmoc-L-His(Tos)-OH
<b>CAS Number</b>	112380-10-6
<b>Molecular Formula</b>	C <sub>28</sub> H <sub>25</sub> N <sub>3</sub> O <sub>6</sub> S
<b>Molecular Weight</b>	531.59

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless solution (1 mmol in 3ml DMF)
<b>Optical Rotation</b>	[α] <sup>25</sup> <sub>D</sub> = -7.1 ° (C=1 in DMF)
<b>Other Enantiomer</b>	< 0.1%
<b>Purity by HPLC</b>	99.2%
<b>Purity by TLC</b>	99%
<b>Storage</b>	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**