

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	33572
<b>Lot Number</b>	000424-200408-22341
<b>Product</b>	<b>N-Fmoc-7-methyl-L-tryptophan</b> Fmoc-L-Trp(7-Me)-OH
<b>CAS Number</b>	1808268-53-2
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>24</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	440.49

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<b>Appearance</b>	White to off-white powder
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -20.2 ° (C=1 in DMF)
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Residual Solvents</b>	Not identified
<b>Related Substances</b>	Not identified
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	100% (ee)
<b>D-Enantiomer</b>	Not detected
<b>Purity by HPLC</b>	99.7%
<b>Storage</b>	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