

# Chem-Impex International, Inc.

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Manufacturing site:

825 Dillon Drive

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## Certificate of Analysis

<b>Catalog Number</b>	05698
<b>Product Name</b>	Fmoc-D-His(Fmoc)-OH
<b>Lot Number</b>	ZN038
<b>Molecular Formula</b>	C <sub>36</sub> H <sub>29</sub> N <sub>3</sub> O <sub>6</sub>
<b>Molecular Weight</b>	599.6
<b>Appearance</b>	White powder
<b>Melting Point</b>	160 – 161 °C
<b>Specific Rotation</b> [ $\alpha$ ] <sub>D</sub> <sup>20</sup>	+ 5.3 ° (c=1, DMF)
<b>TLC</b>	Purity > 98 %
<b>CHCl<sub>3</sub>/MeOH/AcOH 90/8/2</b> (v/v/v)	R <sub>f</sub> = 0.30
<b>n-BuOH/AcOH/H<sub>2</sub>O 4/1/1</b> (v/v/v)	R <sub>f</sub> = 0.80
<b>Storage</b>	Store at -0°C.
<b>Remarks</b>	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Sashi Kumar  
Quality Control Manager