

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03711
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>im</sup>-methyltrityl-L-histidine</b> Fmoc-L-His(Mtt)-OH
<b>CAS Number</b>	133367-34-7
<b>Molecular Formula</b>	C <sub>41</sub> H <sub>35</sub> N <sub>3</sub> O <sub>4</sub>
<b>Molecular Weight</b>	633.75
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<b>Appearance</b>	White crystals
<b>Solubility</b>	Clearly soluble (0.5 mmole in 1 ml DMF)
<b>Melting Point</b>	135-145 °C
<b>Kaiser Test</b>	Negative
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>22</sup> = +86 ± 5° (C=5 in CHCl <sub>3</sub> )
<b>Assay</b>	≥ 94%
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**