

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	05348
<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 to off-white powder
<b>Solubility</b>	Clear colorless to slightly colored solution
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = -7 ± 1 ° (C=1 in DMF)
<b>Chiral HPLC</b>	≥ 99%
<b>Other Enantiomer</b>	≤ 1% D-His
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**