

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	07111
<b>Product</b>	<b>Fmoc-O-2-chlorotrityl-D-tyrosine</b>  Fmoc-D-Tyr(2-ClTrt)-OH
<b>Molecular Formula</b>	C <sub>43</sub> H <sub>34</sub> NO <sub>5</sub> Cl
<b>Molecular Weight</b>	680.2
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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Clearly soluble (0.5 mmol in 1 mL DMF)
<b>Melting Point</b>	158-163 °C
<b>Kaiser Test</b>	Negative to slightly positive
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +28 ± 2° (C=2, EtOAc)
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**