

# Chem-Impex International, Inc.

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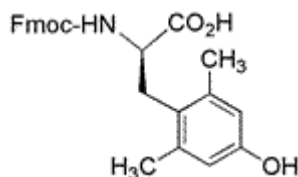
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	33620
<b>Product</b>	<b>Fmoc-D-2,6-dimethyltyrosine</b> Fmoc-D-Tyr(2,6-DiCH <sub>3</sub> )-OH ( <i>R</i> )-Fmoc-2-amino-3-(2,6-dimethyl-3-hydroxyphenyl)propionic acid
<b>CAS Number</b>	854300-32-6
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>25</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	431.48

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<b>Appearance</b>	Off-white powder
<b>TLC System</b>	Chloroform / Methanol / Acetic acid : 90/8/2 (Single spot) Chloroform / Methanol / Benzene / Water : 8/8/8/1 (Single spot) Visualized with UV/Iodine
<b>Optical Rotation</b>	$[\alpha]_D^{25} = 23 \pm 2^\circ$ (C=1 in DMF)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	≥ 99% (ee)
<b>LCMS</b>	Conforms to standard
<b>L-Enantiomer</b>	≤ 1%
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**