

**Analytical Data Sheet**

<b>Lot number</b>	<b>1000040966</b> not for drug use
<b>Product</b>	Fmoc- $\alpha$ -Me-D-Leu-OH
<b>Product number</b>	<b>4066676.0001</b>
<b>Molecular formula</b>	C <sub>22</sub> H <sub>25</sub> NO <sub>4</sub>
<b>Relative molecular mass</b>	367.45

<b>Tests</b>	<b>Results</b>
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in methanol)
<b>Identification (ESI-MS)</b>	m = 367.4u (average mass)
<b>Purity (HPLC)</b>	99.7% (TFA)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Enantiomer content (GC)</b>	0.3% L-enantiomer
<b>Assay (titration)</b>	98.0% (TBAH)
<b>Water content (KF volumetric)</b>	0.4%

Latest update: November 12, 2020

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