

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15523
<b>Lot Number</b>	000705-943334
<b>Product</b>	<b>Fmoc-(R)-2-tetrahydroisoquinoline acetic acid</b>  Fmoc-D-Tqa-OH  Fmoc-(R)-1,2,3,4-tetrahydroisoquinoline-3-acetic acid
<b>CAS Number</b>	332064-67-2
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>23</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	413.47

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<b>Appearance</b>	White solid
<b>Melting Point</b>	62-64 °C
<b>TLC System</b>	Butanol/Pyridine/Acetic acid/Water (5:5:1:4) Single spot Butanol/Acetic acid/Water (4:1:2) Single spot Visualized with: UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -35.2° (C=1 in DMF)
<b>Purity by HPLC</b>	98.6%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	See material safety data sheet for additional information  For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager