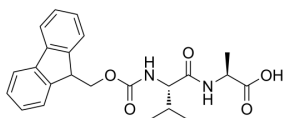


## Certificate of Analysis

<b>Product Name:</b>	(((9H-Fluoren-9-yl)methoxy)carbonyl)-L-valyl-L-alanine
<b>Cat. No.:</b>	CS-0166851
<b>CAS No.:</b>	150114-97-9
<b>Batch No.:</b>	458607
<b>Chemical Name:</b>	L-Alanine, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-valyl-

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>26</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	410.46
<b>Storage:</b>	Store at room temperature
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (HPLC):</b>	99.60%
<b>Water(KF):</b>	0.09%
<b>Optical Rotation[α]:</b>	-7.6868° (C=1.0004g/100ml DMF)
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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