

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15728
<b>Lot Number</b>	001328-20150318
<b>Product</b>	<b>Boc-L-<math>\beta</math>-HomoAsn-OH</b>  Boc-L- $\beta$ -homoasparagine  (S)-3-(Boc-amino)pentanoic acid 5-amide
<b>CAS Number</b>	336182-03-7
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	246.26

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<b>Appearance</b>	White solid
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -4.6° (C=1 in MeOH)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 99% (NMR)
<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