

# Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number	22683
Product	<b>(2S,3'S)-2-(4'-Boc-3'-benzyl-2'-oxo-piperazin-1-yl)-3-phenylpropionic acid</b>
Lot Number	000630-24003
CAS Number	193091-13-3
Molecular Formula	C <sub>25</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight	438.52

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Appearance	White powder
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = - 49.2 ° (C=1 in MeOH)
Analysis by Mass Spectra	M = 437.8
Purity by HPLC	100%
Storage	Store at 0-8 °C
Remarks	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