

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	29582
<b>Lot Number</b>	000630-31076
<b>Product</b>	<b>15-[D(+)-Biotinylamino]-4,7,10,13-tetraoxapentadec-1-yne</b>
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>35</sub> N <sub>3</sub> O <sub>6</sub> S
<b>Molecular Weight</b>	457.59
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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = + 44° (C=1 in MeOH)
<b>Analysis by Mass Spectra</b>	M = 457.1
<b>Purity by HPLC</b>	98.3%
<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