Chem-Impex International, Inc.

Tel: (630) 766-2112 E-mail: sales@chemimpex.com Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 Fax: (630) 766-2218 Web site: www.chemimpex.com Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number Product	29585 (<i>R</i>)-Boc-2-amino-3-propargylsulfanyl- propionic acid•DCHA
Lot Number	000630-24375 Boc-L-Cys(propargyl)-OH•DCHA
Molecular Formula	$C_{11}H_{17}NO_4S \bullet C_{12}H_{23}N$
Molecular Weight	440.64
Appearance	Off-white powder
Optical Rotation	$[a]_D^{20} = -6.2 \circ (C=1 \text{ in MeOH})$
Optical Rotation Analysis by Mass Spectra	$[a]_D^{20} = -6.2 \circ (C=1 \text{ in MeOH})$ M = 259
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Analysis by Mass Spectra	M = 259
Analysis by Mass Spectra Purity by HPLC	M = 259 98.7%

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

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Bala Kumar Quality Control Manager