

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 05580
Lot Number 000705-433877
Product **Boc-4-azido-D-phenylalanine**

Boc-D-Phe(4-azido)-OH

Boc-*p*-azido-D-Phe-OH

CAS Number 214630-05-4

Molecular Formula C₁₄H₁₈N₄O₄

Molecular Weight 306.32

Appearance Yellow powder

TLC System Chloroform/Methanol/Acetic acid (90:8:2): Single spot
Chloroform/Methanol/Benzene/Water (8:8:8:1): Single spot
Visualized with UV/Iodine

Optical Rotation [α]_D²⁰ = -64.9° (C=1 in CHCl₃)

Analysis by Mass Spectra Conforms to standard

¹H NMR Conforms to structure

Purity by HPLC 99.6%


Chiral Purity > 99% (ee)

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