

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

Product Specifications

Catalogue Number 15329

Product **Boc-(3-thienyl)-D- β -homoalanine**

Boc-D- β -HomoAla(3-thienyl)-OH

Boc-(R)-3-amino-4-(3-thienyl)butyric acid

CAS Number 269726-92-3

Molecular Formula C₁₃H₁₉NO₄S

Molecular Weight 285.36

Appearance White to off-white powder

Optical Rotation $[\alpha]_D^{20} = 1.5 \pm 1^\circ$ (C=1 in DMF)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Residual Solvents Not identified

Related Substances Not identified

¹H NMR Conforms to structure

Chiral HPLC $\geq 99.5\%$ (ee)

L-Enantiomer $\leq 0.5\%$

Purity by HPLC $\geq 97\%$

Storage Store at 0 - 8 °C

For Laboratory Use Only