

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	04016
Product	Boc-L-serine methyl ester Boc-L-Ser-OMe Boc-L- β -hydroxyalanine methyl ester
CAS Number	2766-43-0
Molecular Formula	C ₉ H ₁₇ NO ₅
Molecular Weight	219.24

Appearance	Light yellowish liquid
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Optical Rotation	$[\alpha]_{\text{D}}^{20} = -20 \pm 3^{\circ}$ (C= 1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Chiral HPLC	$\geq 99.5\%$ (ee)
D-Enantiomer	$\leq 0.5\%$
Purity by HPLC	$\geq 98\%$
Storage	Store at 0 - 8 °C

For Laboratory Use Only