

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	05124
Product	Boc-O-benzyl-D-homoserine Boc-D-HomoSer(Bzl)-OH
CAS Number	150009-60-2
Molecular Formula	C ₁₆ H ₂₃ NO ₅
Molecular Weight	309.4

Appearance	White to off-white crystalline powder
Solubility	Clearly soluble (0.5 mmole in 1 ml DMF)
Melting Point	45-57 °C
Water Content (Karl Fisher)	≤ 0.5%
Kaiser Test	Negative
Optical Rotation	[α] _D ²⁰ = +15 ± 2° (C=2, in 80% EtOH)
Infrared Spectrum	Conforms to structure
Assay	≥ 97%
L-Enantiomer	≤ 0.1%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only