

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	01385
Product	Boc-<i>O</i>-<i>tert</i>-butyl-L-threonine Boc-L-Thr(tBu)-OH
CAS Number	13734-40-2
Molecular Formula	C ₁₃ H ₂₅ NO ₅
Molecular Weight	275.3

Appearance	White crystalline powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	80 - 100 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _{D20} = 3 ± 1 ° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (35 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 96%
Storage	Store at 0 - 8 °C

For Laboratory Use Only