

Chem-Impex International, Inc.

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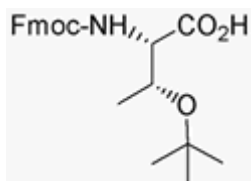
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02460
Product	Fmoc-<i>O</i>-tert-butyl-L-threonine Fmoc-L-Thr(tBu)-OH
CAS Number	71989-35-0
Molecular Formula	C ₂₃ H ₂₇ NO ₅
Molecular Weight	397.5

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	125 - 135 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 16 ± 2 ° (C=1 in EtOAc)
Loss on Drying	≤ 2% (60 °C, 2h)
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only