

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 05647

Product **D-*allo*-Threoninol**

D-*allo*-Thr-ol

(2*S*,3*R*)-2-Amino-1,3-butanediol

Molecular Formula C₄H₁₁NO₂

Molecular Weight 105.1

Appearance White powder

Optical Rotation $[\alpha]_{\text{D}}^{25} = -15 \pm 2^{\circ}$ (C=4 in H₂O); $[\alpha]_{\text{D}}^{25} = -16 \pm 2^{\circ}$ (C=1 in MeOH)

¹³C NMR Conforms to structure

¹H NMR Conforms to structure

Purity $\geq 95\%$ (NMR)

Storage Store at 0-8 °C

For Laboratory Use Only