

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	41393
Product	(R)-(+)-α-Hydroxy-γ-butyrolactone (R)-4,5-Dihydro-3-hydroxy-2(3H)-furanone
CAS Number	56881-90-4
Molecular Formula	C ₄ H ₆ O ₃
Molecular Weight	102.09

Appearance	Colorless liquid
Boiling point	133 °C / 10 mmHg (Lit.)
Density	1.309 g/mL at 25 °C (Lit.)
Refractive Index	n ²⁰ _D 1.467 (Lit.)
Optical Rotation	[α] ²⁰ _D = 62 - 74 ° (C = 1 in CHCl ₃)
Infrared Spectrum	Conforms to structure
Purity by GC	≥ 98%
Chiral Purity	97% (ee)
Storage	Store at RT

For Laboratory Use Only