

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

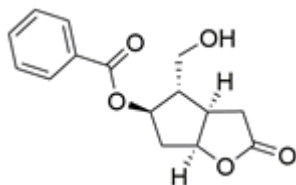
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	41612
Product	(-)-Corey lactone benzoate (3a <i>R</i> ,4 <i>S</i> ,5 <i>R</i> ,6a <i>S</i>)-4-(Hydroxymethyl)-2-oxohexahydro-2 <i>H</i> - (3a <i>R</i> ,4 <i>S</i> ,5 <i>R</i> ,6a <i>S</i>)-5-(Benzyloxy)hexahydro-4-(hydroxymethyl)-2 <i>H</i> -
CAS Number	39746-00-4
Molecular Formula	C ₁₅ H ₁₆ O ₅
Molecular Weight	276.29

Appearance	White to off-white crystalline powder
Odor	Odorless
Melting Point	116 - 123 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _{20D} = -79 to -87 ° (C = 1 in CH ₃ OH)
Related Substances	Maximum single impurity : ≤ 1% (+)isomer : ≤ 0.1%
Purity by HPLC	≥ 99%
Storage	Store at RT

For Laboratory Use Only