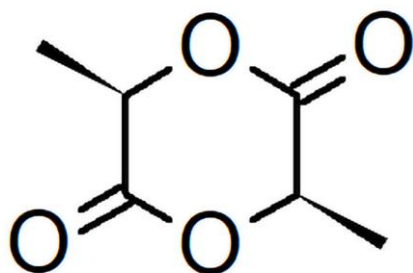


D-Lactide

- ◆ Monomer for bio-degradable polymers from biomass-based D-lactic acid
- ◆ This high-quality D-lactide features low residual moisture and low oxidation levels, making it suitable for use in polymer-grade applications

General Information



Chemical Name	D-Lactide (3R,6R)-3,6-dimethyl-1,4-dioxane-2,5-dione
CAS	13076-17-0
Molecular Weight	144.1
Melting Point	95 ~ 98 °C
Physical Form	White Powder
Purity	> 99 %
Optical Purity	> 97 %ee
Moisture Content	< 300 ppm
Acid Value	< 2 mmol/kg

Application

Bio-absorbable materials for life science products and DDS (drug delivery systems)

Bio-degradable polymer for packaging products

e.g. PDLA (poly d-lactic acid)

Stereo-complex PLA (compound of PLLA and PDLA)

PGDLA (poly d-lactic-co-glycolic acid)

Contact information