

Sample Name: Deuterated (d8) 3,6-Dimethyl-1,4-dioxane-2,5-dione

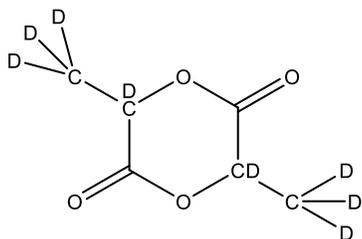
Synonym: d8-Lactide Monomer

CAS# (for its Protonated analog): 95-96-5

Sample #: d8LA

lot#: P60218

Structure:



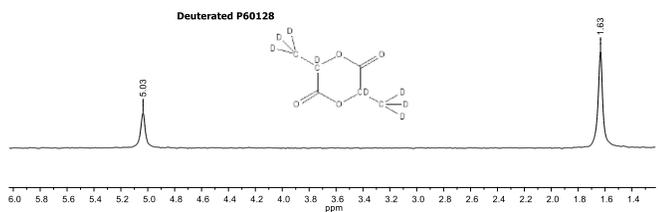
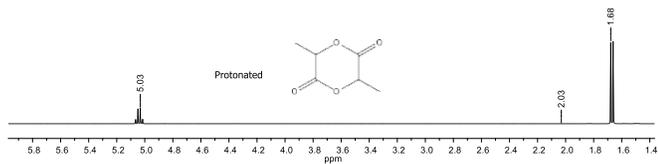
Composition:

purity ≥ 98% (from NMR)
Empirical Formula: C6D8O4
Molecular weight: 152.14

Characterization:

The product was characterized by NMR and FTIR and m.p calculated by DSC.

2H-NMR Spectrum of the product in CHCl3:



DSC thermogram of the polymer at rate 10°C/min:

