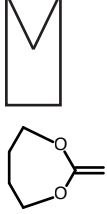


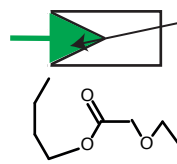
Cyclic Ketene Acetal



Alcohol Group

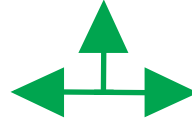


Radical Ring Opening
Ester Link

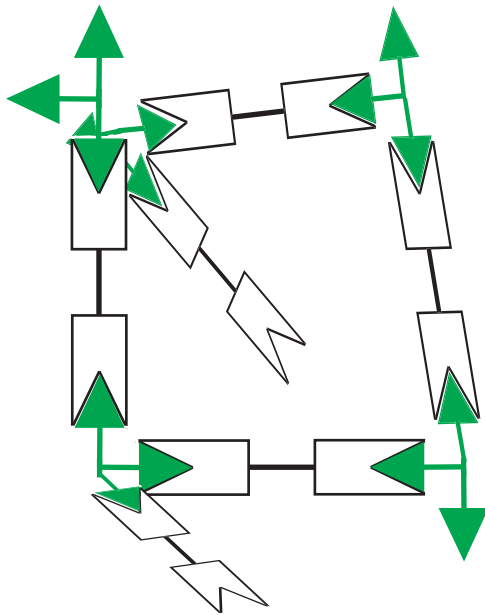


Free Proton Mechanism

Multiple Alcohol Group
Carrying Monomer

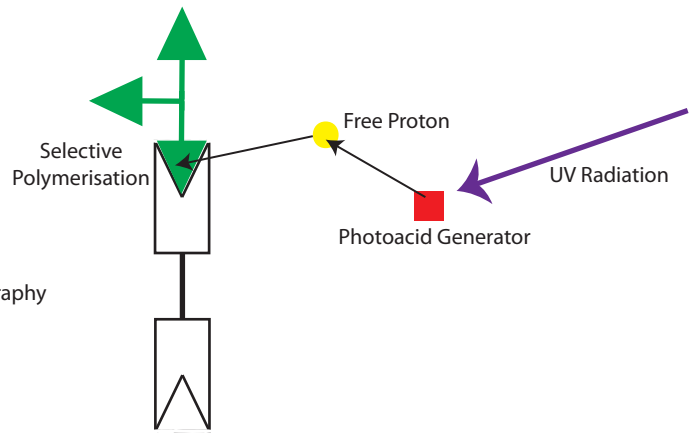


End-Bearing
Cyclic Ketene Acetal Monomers

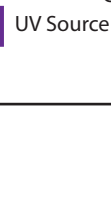


3D Non-Toxic, Biodegradable
Tissue Engineering Scaffold

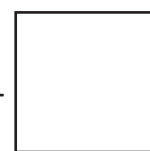
Microstereolithography



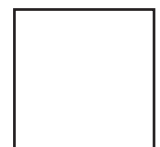
Layer by Layer Mask



Computer Aided Design



3D Image Analysis



MRI



CAT



PET



3D Medical Imaging



Cell Seeding from Patient



Biocompatible Replacement
Tissue for Transplant

