

Process for preparing glycerol carbonate methacrylate

Abstract

- 5 A process for preparing glycerol carbonate methacrylate, wherein glycidyl methacrylate is reacted with carbon dioxide in the presence of a catalyst and a solvent, wherein the catalyst is potassium iodide, the solvent is acetonitrile, one or more monoalcohols, or any desired mixture of acetonitrile and one or more monoalcohols, and the reaction of glycidyl methacrylate with carbon dioxide is carried out at a pressure from 0.5 to 5 bar.