1308 Synthesis of New Photoresponsive Polymers Containing Trifluoromethyl-Substituted Norbornadiene Moieties

Takabumi Nagai, Miwa Shimada, and Tadatomi Nishikubo

Polymers containing trifluoromethyl (CF₃)-substituted donor-acceptor NBD moieties in the side chain or in the main chain were synthesized.

R₁ = H, CH₃
R₂ = C₆H₅CH₂, O(CH₂)₂O, CO₂CH₂CH(OH)CH₂
R₃ = NHCO₂H₂O, O(CH₂)₃O