

論文名 : Novel highly efficient absolute optical resolution method by serial combination of enantiomer-selective helix-sense-selective polymerization and helix-sense-selective highly selective photocyclic aromatization

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(以下要約を記入する)

The first absolute optical resolution only by circularly polarized light without any chiral compounds has been developed by serially connecting the two enantioselective reactions we developed, that is, the enantiomer-selective helix-sense-selective polymerization and helix-sense-selective decomposition by circularly polarized light. The optical yield was high, 78% ee for menthol.