

演題 : Synthesis of Helical Poly(phenylacetylene)s
Bearing L-Amino Acid Derivatives and Their
Applications in Chiral Separation by HPLC

講師 : Chunhong Zhang 教授

ハルビン工程大学, 中国

日時 : 2019年5月16日(木) 15:30~17:00

場所 : 工学部材料・化学棟大会議室 MC526



To develop effective chiral stationary phases (CSPs) with high chiral recognition abilities is one key point of chiral separation in high-performance liquid chromatography (HPLC). Many polysaccharide-based CSPs have been developed and even commercialized. Recent years, some synthetic helical polymers have also attracted researchers' great interest. Herein, optically active helical poly(phenylacetylene)s bearing L-amino acid derivatives were designed and synthesized as CSPs for HPLC, which exhibited high chiral recognition abilities for some racemates.

本講演は、大学院総合化学院『化学研究先端講義（修士課程選択科目）／総合化学特別研究第二（博士後期課程選択科目）』の一部として認定されています。

連絡先 : 工学研究院応用化学部門 佐藤 敏文（内線 : 6602）