Supporting Information

Repetitive Two-Step Method for $o,o,p$- and $o,p$-Oligophenylene Synthesis through Pd-Catalyzed Cross-Coupling of Hydroxyterphenylboronic Acid

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HPLC Charts

For compounds that showed complicated NMR spectra due to the presence of rotamers, HPLC analysis was performed to confirm their purity.

【HPLC method】
Analysis equipment: Agilent Technologies 1200 series
Column: Eclipse XDB-C18 (4.6 × 150mm)
Solvent A: 10% CH₃COONH₃aq, Solvent B: CH₃CN
Gradient (B): 0-15 min, 20 %, 15-40 min, 20-5 %, 40-40.1min, 5-20%
Oven column: 40℃
Injection: 10μl
Flow rate: 0.8mL/min
Detection: 254nm
[HPLC method] (gel permeation chromatography)
Analysis equipment: LC-9201 (Japan Analytical Industry)
Column: JALGEL-1H, 2H
Solvent: CHCl₃
Flow rate: 3.5 mL/min
Detection: 254 nm
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